



# HD-VISION

THE FIRST LCD-TV,  
THAT IS EQUIPPED WITH 3X DIGITALDIREKT  
FOR THE RECEPTION OF DVB-S, DVB-T, DVB-C

QUALITY MADE IN GERMANY

**TechniSat**<sup>®</sup>  
DIGITAL  
THE  ORIGINAL

[www.technisat.com](http://www.technisat.com)

# HD-VISION 40

## 32

HD-VISION



# HD-VISION

## BETTER VIEWING, BETTER SOUND



## CONTENTS

|                  |         |
|------------------|---------|
| Configuration    | 4 - 19  |
| Program variety  | 20 - 25 |
| HD-Vision models | 26 - 43 |
| Technical data   | 44 - 46 |
| Accessories      | 47      |



# HD-Vision

A new class, fully digital without ifs and buts

## DIGITAL ■■■■ Direct

If you are looking for the right LCD television, you are looking for a set that delivers pictures with an overwhelming wealth of detail, vibrant colours and sharp outlines right to your home.

We at TechniSat love brilliant pictures. For this reason we only use first-class components in our HD-Vision series, the guarantee for excellent image replication. We also hold the opinion, that you deserve a LCD television that is more than a supplier of brilliant pictures. That is why we equip the sets of our HD-Vision series with features, which make HD-Vision unique and unrivalled. Therefore you can for example receive digital television without an additional digital receiver with your HD-Vision.

Irrespective of whether you operate it via a digital satellite system, a cable connection, or an antenna signal<sup>1)</sup>.

### Made in Germany

With a LCD television of the HD-Vision series, you acquire not only a first-class and a future-proof product, but also one developed and produced in Germany.

**Quality is  
the best recipe**



32"- 81 cm  
Screen

<sup>1)</sup> Digital antenna TV (DVB-T) is already available in many regions of Europe.





40"- 102 cm  
Screen

## FEATURES EMBEDDED

|                                   |  |
|-----------------------------------|--|
| <b>Digital TV</b>                 | 3 digital-tuners for DVB-S, -C and -T and also analogue-tuner for cable and terrestrial  |
| <b>CONAX decoding system</b>      | With integrated smartcard-reader for Pay-TV  |
| <b>Common Interface</b>           | CI slot allows you to add CA modules for different encryption standards  |
| <b>DigitalDirect</b>              | First-class pictures:<br>The digital input signals are not subject to any digital-to-analogue conversion on their way through the panel in the HD-Vision due to the integrated multi-reception |
| <b>EPG</b>                        | Electronic Program Guide   |
| <b>AutoInstall</b>                | AutoInstall: TechniSat software for automatic and simple device installation   |
| <b>ISIPRO</b>                     | ISIPRO: Program-list assistant   |
| <b>TechniMatic</b>                | TechniMatic: automatic software update via DVB-S, -C or -T   |
| <b>100% pixel error-free</b>      | To achieve best picture results, only selective panels, so-called best panels, are used  |
| <b>2x HDMI, 1x USB</b>            | Digital multimedia connections   |
| <b>Low power consumption</b>      |  |
| <b>VHF-reception</b>              | For reception of all analogue TV programs via antenna  |
| <b>Program memory mixture</b>     | One program list for all   |
| <b>Reception of digital radio</b> |  |
| <b>HD ready</b>                   | Equipped for the HDTV future   |
| <b>Teletext and HiTextlevel</b>   | 1000 page memory   |

## CONFIGURATION

### Development



Developed in the TechniSat research and development centre in **Dresden**. More than 150 engineers work in Dresden every day on new and advanced development of TechniSat products.

### Production



Produced at the TechniSat Teledigital AG in **Staßfurt** near to **Magdeburg**. More than 200 highly-qualified specialists working in Staßfurt.

### Marketing



International marketing: TechniSat Digital S.A./Betzdorf/Luxembourg sells all TechniSat products worldwide including HD-Vision to a network of TechniSat partners.



**MADE IN GERMANY**

# High-quality materials

Your HD-Vision is a quality product from A to Z

## 1 LCD Panel

Selective best panels 100% pixel error-free:

We only use selective category 1 best panels of the newest generation, which are 100% pixel error-free when producing the HD-Vision. That this is not always the case can be seen in the ISO 13406-2 standard, which permits a tolerance of up to 50 pixel errors and up to 500 sub pixel errors on an area surface of 1 million pixel. If you have already seen a LCD TV set with pixel errors, you know how disturbing pixel errors affect the picture.

TechniSat guarantees that your HD-Vision will give you full enjoyment because you will not find any pixel-errors on the panel.

## 2 Contrast pane

Distinguished appearance and panel protection by multiple coated antireflection contrast pane.

All HD-Vision models are also available ex factory with a contrast pane, if required. Apart from imparting a distinguished appearance, the glass pane also protects the panel, which is installed underneath. The multiple coated antireflection contrast pane makes the TV pictures seem even more brilliant and colour intensive.

## 3 Control panel

Which electronic device can be operated nowadays without remote control? The TechniSat HD-Vision makes this possible. The manual control panel enables setting the volume, switching the program memory as well as setting program list and menu functions. The HD-Vision is ready for use wherever and whenever you want, even without remote control.

## 4 Removable pedestal

The TechniSat HD-Vision fulfils all installation requirements. Thanks to the factory installed aluminium pedestal, the HD-Vision can be used as a freestanding device or easily mounted on the wall. Simply remove the pedestal when mounting on the wall and use the HD Mount LCD wall mount (optional).

## 5 Detachable loudspeakers

The detachable loudspeaker boxes are a further highlight. These can also be set up separately instead of the fixed attachment to the HD-Vision. All you need to do is to apply them on the loudspeaker stands, which have been specially designed for the HD-Vision (for side loudspeakers).

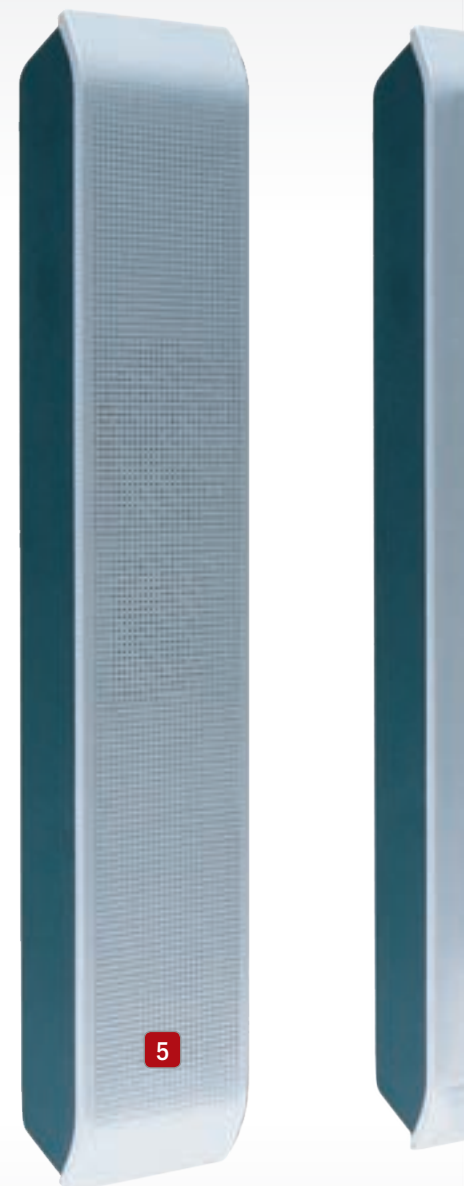
## 6 High-class finish

The greatest care is taken, as is also the case during all production processes. We only use high-quality lacquers, which are applied in a complex procedure. For this purpose the trend colours platinum and black are applied in 3 individual layers, high-gloss lacquers are even applied in 5 layers and then sealed. Design and appearance will still look fantastic in years to come!

## 7 Made in Germany

Exclusive materials and components make your HD-Vision unique and unrivalled.

The HD-Vision is a product, which has been developed and produced in Germany. Developed in the TechniSat research and development centre in Dresden and produced in Staßfurt close to Magdeburg. By purchasing a product "Made in Germany", you actively influence where and how something is manufactured and which consequences the production has for the environment and for the quality of life of the people involved in development and production.



## 100% pixel error-free



The strictest quality standards are observed when manufacturing the HD-Vision. To achieve best picture results, only selective panels, so-called best panels, are used. TechniSat can therefore guarantee a 100% pixel error-free picture on each HD-Vision.

## Program memory mixture



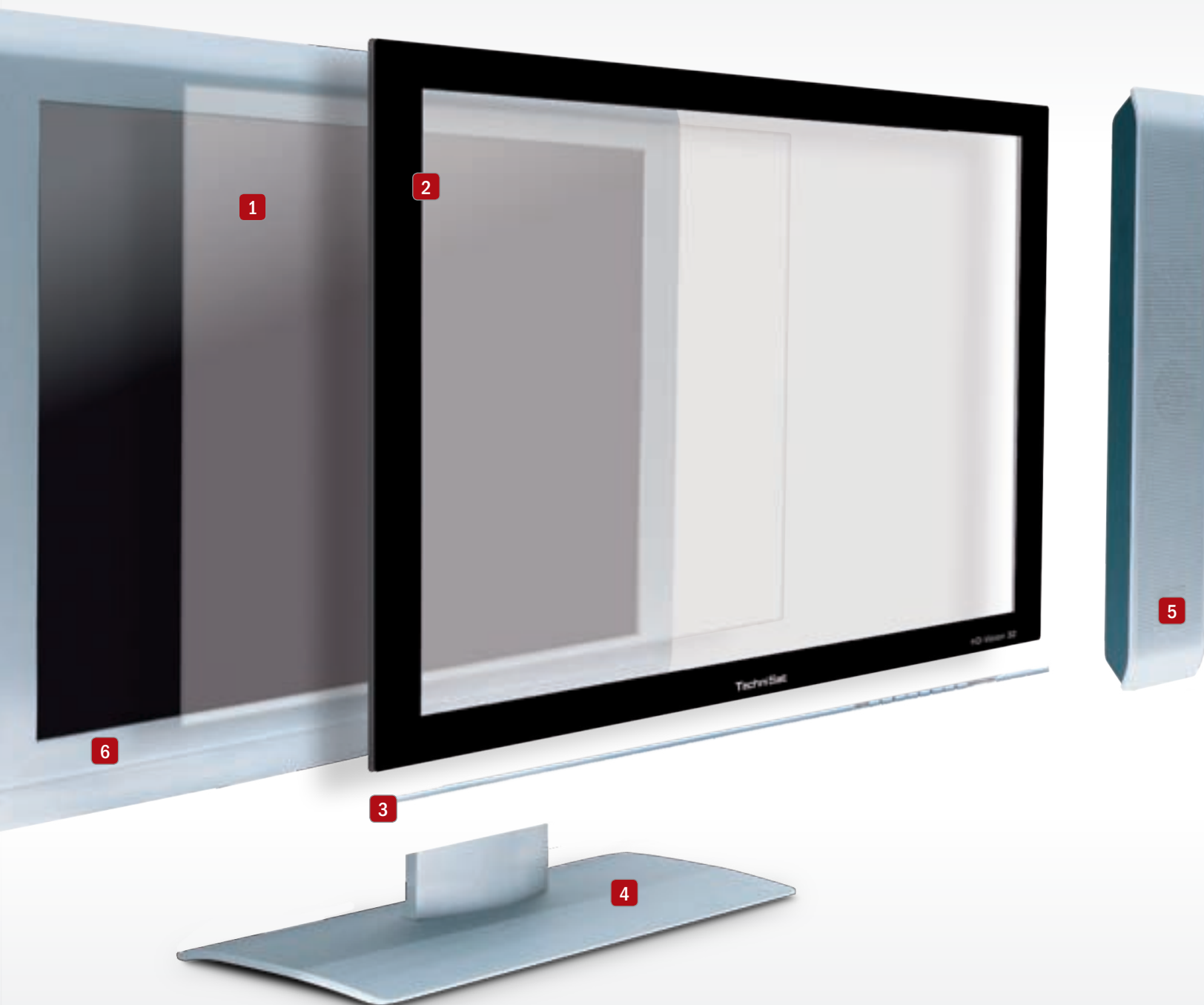
### Channel list mix

Combine all programs, irrespective of the signal source, into only one programme list. Call e.g. digital and analogue cable programs, digital satellite programs and programs you have received via the new digital antenna television (DVB-T), conveniently by means of one program list using only one remote control.

## Combine to your hearts desire.

With cable television for example analogue private programs with free public programs, which can only be received digitally.

You can also assign external signal sources, such as HDMI or SCART to a specific program memory in your program list.





# Multi-reception tuner

All reception options  
united in one device



With the serially integrated multi-reception tuner, you can receive digital TV and radio programs via satellite, cable television and antenna (DVB-T) completely without additional equipment, directly from your HD-Vision. The reception of analogue programs is possible via antenna (including VHF) and cable television. Therefore you are flexible when selecting your reception options and can combine various signal sources with each other according to your requirements.

**All** reception options  
in **one** device!

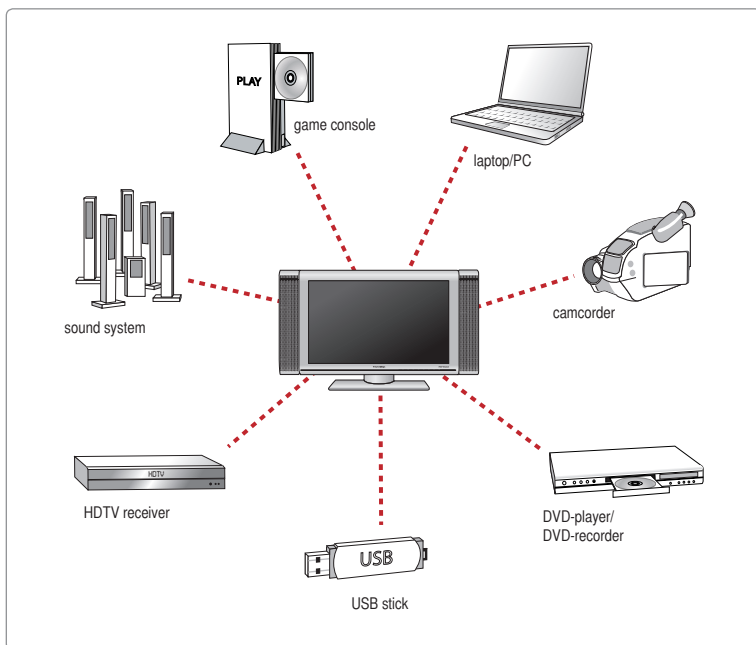
## Everything in it, everything on it:

Receives digital satellite, digital cable, digital antenna television (DVB-T), analogue cable, analogue antenna television and VHF/FM.



# Connections

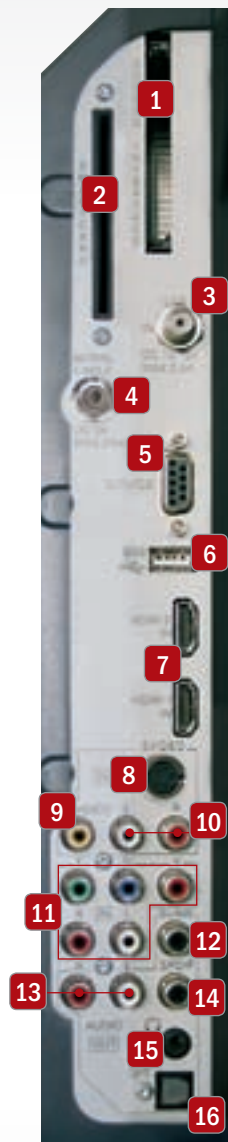
which doesn't leave any wishes unanswered



Ready for all options.

The connection diversities of the HD-Vision enable operation of the most various devices. Pay-TV- and Pay-Radio-Programs can also be decoded via the CI interface and smart card reader.

Side connections:



Bottom connections:



- 1 Common Interface**  
For accommodating a CI decoding module
- 2 CONAX smartcard-reader**
- 3 F-socket**  
Input socket for digital satellite
- 4 IEC socket**  
Input socket for digital cable reception + the new digital antenna TV (DVB-T) + VHF and analogue cable connection + analogue-terrestrial reception
- 5 RS 232**  
For connecting a PC for software updates or program list updates
- 6 USB connector**
- 7 2 x HDMI**  
Digital Highspeed multimedia connections for ideal digital picture and sound quality
- 8 S-Video Hosiden**
- 9 Video IN**
- 10 Audio cinch L/R**
- 11 YUV Component IN**  
Audio IN R/L
- 12 Subwoofer**
- 13 Audio Out R/L**
- 14 Audio Digital (electrical)**  
For connecting a Dolby Surround System
- 15 Headphone jack**
- 16 Audio Digital (optical)**  
For connecting a Dolby Surround System
- 17 VGA**  
Connection of a PC/Laptop-Graphic card. The HD-Vision can also be used as an oversized monitor
- 18 Loudspeaker connections**
- 19 2 x Scart**

## CONFIGURATION

2x Highspeed, 2x HDMI

**HDMI**  
HIGH DEFINITION MULTIMEDIA INTERFACE

Transmission of all digital audio and video signals without loss of quality and without data compression over only one cable: Both HDMI interfaces of the HD-Vision enable respectively a data flow rate of up to 5 Gbit/s and consequently provide for optimal picture and sound play back.

## Common Interface (CI)

Your HD-Vision is prepared for Pay TV and Pay radio broadcasts by means of the CI interface. For example, experience live games of the German Federal Football League or special interest programs of the most different Pay-TV providers directly and without additional decoders on your HD-Vision. The CI interface also guarantees that your HD-Vision is ready for new decoding systems and compression standards in the future.

## Smartcard-reader

The smartcard-reader together with the appropriate smartcard, enables you to decode TV and radio programs, which are broadcast encoded in CONAX. You can therefore receive for example the radio special interest channels of the TechniSat Radio Bouquet, the audio book channels from RADIOROPA or the TV programs of the Eutelsat Cable Kiosk without additional decoder on your HD-Vision.

# HD Ready

Dive into the world  
of the high-definition television

## Comparison PAL-Standard / HDTV-Standard



Picture quality PAL-Standard  
Normal definition TV.



Picture quality HDTV-Standard  
High definition TV.

**HD**  
ready

## Why HDTV?

Some freely receivable and encoded stations are already transmitting their complete program or individual broadcasts in the high-definition television format HDTV.

From feature films over sports events up to fascinating documentations - with your HD-Vision and a HDTV receiver you can experience pin sharp pictures in the most brilliant colours.

The HD Ready logo guarantees, that the HD-Vision is equipped for the high-definition television future (HDTV). Use HD-sources, such as HDTV receivers, Blue Ray players, HD camcorders or play consoles, in digital quality via the HDMI interfaces of HD-Vision.

HD Ready enables you to play back TV pictures in and until now unknown colour brilliance and depth of focus.

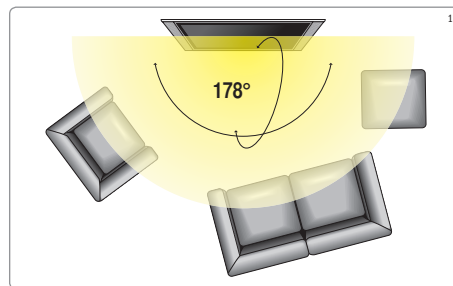
Enjoy the world of high-definition television with HD-Vision.



# Extremely wide viewing angle

See everything, from everywhere

Due to the extremely wide viewing angle of the HD-Vision of up to  $178^{\circ}$ <sup>1)</sup> (horizontal and vertical), you can enjoy the picture extremely well from any vantage point. A large vertical viewing angle is extremely important for viewing the television picture (for example if you watch the LCD picture of a TV set mounted on the wall when lying down). Many sets have large deficits in this respect and already provide the first colour deviations with an only slightly deviating angle. By contrast the HD-Vision guarantees first-class television fun - from all angles.



Ideal colours and an ideal picture from all vantage points.  
From wherever you watch the screen.



1) HD-Vision 32:  $170^{\circ}$ , HD-Vision 40:  $178^{\circ}$

# Optimal 16:9

Best picture allocation at any time









More often programs are transmitted in the 16:9 picture size and can be viewed on the HD-Vision without restrictions or distortions. The display setting „Optimal 16:9“ guarantees, apart from the representation of 16:9 programs, also an ideal display of 4:3 programs. After selecting the picture size "Optimal 16:9", the 4:3 picture signals are edited and optimised in such a way, that these are displayed as a full picture and without distortions.



See more: With HD-Vision and the "Optimal 16:9" function you can see more than with a conventional 4:3 TV set. Experience pictures, which would otherwise remain invisible.

## Intelligent options for the HD-Vision:

| Broadcast format: 4:3   | Broadcast format: 16:9  |
|---|---|
| <p>Aspect ratio: <b>OPTIMAL</b></p>  <p>You can select by means of the menu, whether the HD-Vision should automatically and dynamically detect the aspect ratio...</p> |    |
| <p>Aspect ratio: <b>ALWAYS 16:9</b></p>  <p>... or if you would like to see all broadcasts in 16:9, even if they are transmitted in 4:3...</p>                        |   |
| <p>Aspect ratio: <b>ORIGINAL</b></p>  <p>... or would always like to see the aspect ratio as intended by the stations during the broadcast.</p>                      |  |



## AutoInstall

AutoInstall is a TechniSat software for automatic and simple device installation, therefore initial start-up of your TechniSat device is therefore a piece of cake.

Lean back and simply follow the instructions of your digital assistant. Complicated configurations are a thing of the past thanks to the help of HD-Vision.

### Menu language

Please choose your favorite menu language by using the arrow buttons and confirm by pressing the OK button.

English  
Deutsch  
Italiano  
Français  
Español  
Türkçe

### Time zone setting

Please select the time zone corresponding to your country. The time adjustment is considered automatically.

GBR (GMT + 0)  
DEU (GMT + 1)  
ITA (GMT + 1)  
FRA (GMT + 1)  
ESP (GMT + 1)  
SWE (GMT + 1)

### Selection of the reception signals

Which sources would like to configure?

DVB-S ☐ Yes ☐ No  
DVB-C ☐ Yes ☐ No  
DVB-T ☐ Yes ☐ No  
Analogue CT ☐ Yes ☐ No  
FM Radio ☐ Yes ☐ No

Continue



## Automatic software update<sup>1)</sup>

The free and automatic software update always keeps your HD-Vision up-to-date. Function optimisations and even completely new functions or decoding systems can be copied automatically to the device by software updates via satellite, cable or antenna.

### Software update

It is now examined, whether a new software version is available. If you would like to download the new software, select update.

Current software: 2.26.5

Search is running:

Update

Back

### Software update

It is now examined, whether a new software version is available. If you would like to download the new software, select update.

Current software: 2.26.5

found 2.29.4

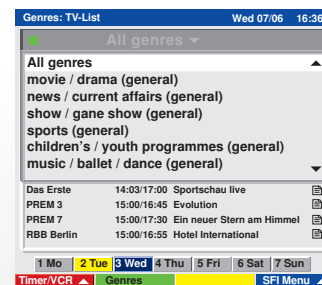
Update

Back

# EPG

## Electronic Program Guide

The free program information EPG is your editorially edited program guide directly on your screen. Conveniently controlled by the remote control, EPG offers detailed program information of dozen of stations for up to seven days in advance (if available). Apart from an overview of current programs, displaying how far the program has already progressed, EPG also offers an overview of following programs. The "Genre Overview" shows you, when programs of a specific genre will be broadcast on which channel.



## CONFIGURATION

### Intuitive operability efficiently implemented

The operation of your HD-Vision is extremely efficient and simple to handle. The TechniSat AutoInstall installation assistant guides you through the different configuration menus during the initial start-up. You determine with the remote control, which language settings and which signal source you would like to use. Additionally you comfortably determine at which point in time possible software updates are to be downloaded automatically and free of charge to your HD-Vision. All other settings and information screens, such as for example the "Electronic Program Guide (EPG)" program information boards, can be easily called via your remote control.



<sup>1)</sup> The automatic software update is available for the digital satellite, cable, and antenna transmission paths



# Integrated hard disk

You select your own TV program

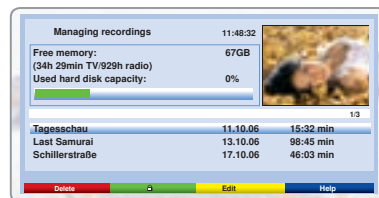
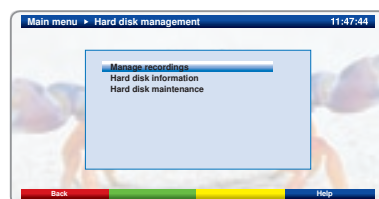


## Record TV and radio programs directly on your HD-Vision <sup>1)</sup>

HD-Vision of the PVR model series combines pin sharp pictures and crystal clear sounds of digital TV with the advantages of a Personal Video Recorder (PVR) with integrated hard disk.

## Recording by the push of a button

Your HD-Vision of the PVR model series easily records TV and radio programs by pressing the record key of your remote control. The recorded broadcasts are stored on the integrated hard disk and can be played back at any time and without any reduction of quality via the hard disk management menu. Jump labels



Recorded programs can be displayed, played and managed at any time via the hard disk management menu.

permit navigation through your recordings. A special feature of the recording function: The HD-Vision records additional data, such as teletext together with the subtitles and additional audio tracks apart from the usual TV and radio signals.

## TIMESHIFT

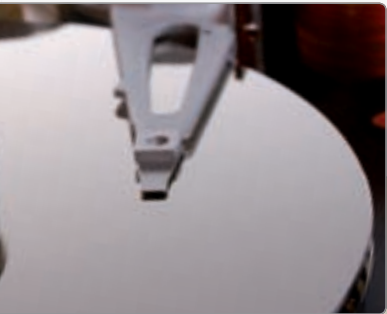
You can also benefit from TIMESHIFT with your HD-Vision of the PVR model series. TIMESHIFT enables you to stop any program being broadcast on the TV or radio according to your requirements and to continue watching it from the stop position at any time, for instance after a telephone call. You don't miss a second of your favourite program. Simply press Pause and watch later.



## Watching delayed television with TIMESHIFT

Prime time does not begin for everyone at 8 pm. Therefore your HD-Vision of the PVR model series empowers you to decide yourself when your favourite show should start for you. You would like to enjoy the evening TV highlight at 8:30 pm instead of 8 pm. No problem. Activate the timer for your recording by means of the integrated Electronic Program Guide (EPG) and enjoy your favourite program as a recording exactly when you want to see it.

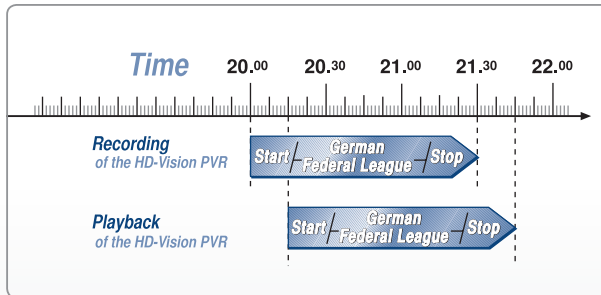
<sup>1)</sup> Recording option only for devices of the HD-Vision PVR model series.



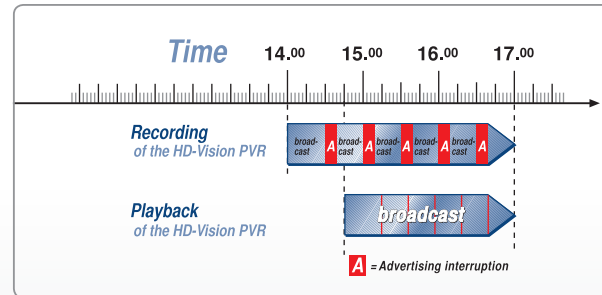
Can you make up your own program in combination with the Electronic Program Guide (EPG). Select the programs, which you would like to record up to 7 days in advance. Simply and comfortably via your remote control. Recording will then start automatically.

| NOW             | NEXT                                   | MORE      | 11:48 Today 19.10. |
|-----------------|--|-----------|--------------------|
| Overview        | Adelheid und ihre Mörder               | 24/77     |                    |
| EinsPlus        | Schätze der Welt - Erbe der Menschheit | □         |                    |
| EinsFestival    | total normal                           | □         |                    |
| ZDFinfokanal    | Kann ich meinen Augen trauen?          | □         |                    |
| ZDFdokukanal    | Der Mond                               | □         |                    |
| ZDFtheaterkanal | vor ORT                                | □         |                    |
| Phoenix         | Nachrichten                            | □         |                    |
| EuroNews        | Put & Call                             | □         |                    |
| Bloomberg TV    | Zeitzeugen                             | □         |                    |
| XXP             | Nachrichten, Sport, Wetter und Mär...  | □         |                    |
| n-tv            | Fußball                                | □         |                    |
| Eurosport       |  |           |                    |
| 1 Mo            | 2 Tu                                   | 3 We      | 4 Th               |
| 5 Fr            | 6 Sa                                   | 7 Su      |                    |
| Timer overview  | Timer                                  | Programme | Genres             |

## This is how TIMESHIFT works:



For example, if your telephone rings during the decisive moment of a football game, simply press the Pause key on your control to stop the current television program. After the telephone call, you can continue watching the football game from where you stopped it without missing anything.



If you start watching the program later, you can use fast-forward or fast-backward in the program, in order to skip advertising for instance.

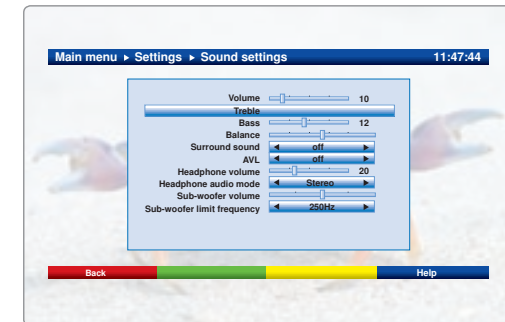


# TechniSat surround sound

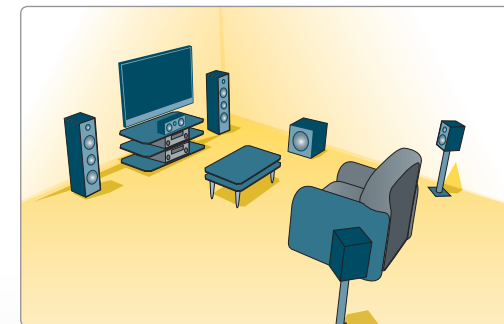
## Sound effect



Apart from its outstanding picture, the HD-Vision inspires by its first-class sound system. For this purpose, the HD-Vision is equipped with a 2-way loudspeaker system and additional bass reflex boxes. Apart from the tone colour adjustment, HD-Vision offers a further highlight: the TechniSat surround sound effect. It enables the simulated surround sound without additional technical expenditure.



Fine tuned: The sound adjustment menu of the HD-Vision enables precise tuning of the tone colour via the remote control.



Superbly suited: The HD-Vision is also suitable for connecting to a hi-fi system or 5.1 surround system.



# Pay TV compatible

Enjoy the best blockbusters  
and the largest sports highlights without additional decoders



The integrated Common Interface (CI) enables your HD-Vision to receive Pay-TV and Pay-radio programs. Therefore you can experience for example live games of the German Federal Football league or special interest programs of most of the different Pay-TV providers, directly and without additional decoder with your HD-Vision. The only thing you need for this is a CI module and a valid smartcard including subscription of the respective Pay-TV or Pay-radio provider.



The smartcard-reader of the HD-Vision enables you to receive TV and radio programs with the appropriate smartcard, which are encoded when broadcasted via CONAX, e.g. the radio special interest programs of the TechniSat Radio Bouquet and RADIOROPA audio book.



## Future-proof!



### CI interface

You can not only receive Pay-TV via the CI interface. It also guarantees that your HD-Vision is ready for new decoding systems and compression standards (e.g. MPEG-4) in the future.

## CONAX integrated

The TechniSat HD-Vision is optional equipped with the CONAX decoding system ex factory. The integrated smartcard-reader enables you to receive the programs of TechniSat Radio Bouquet and RADIOROPA audio book with the TechniSat smartcard, which is contained in the scope of supply.



# Quality that you can see

Better pictures through better features



**CONTRAST** ↑  
improvement

## Manual Contrast Improvement

The HD-Vision also allows manual contrast improvement, in spite of the excellent static and dynamic contrast values. Increase or reduce the contrast values of your HD-Vision comfortably with the remote control.



With manual contrast improvement



Without manual contrast improvement

 **Edge**  
smoothing

## Edge smoothing

The edge smoothing function of the HD-Vision minimises outliers at the edges by smoothing. This increases the image definition optically and thereby results in a favourable image representation.



With edge smoothing



Without edge smoothing

## 100% pixel error-free

Quality 2 LCD panels are used in many of the available television sets. That means for you as a customer, that up to 5 pixel errors can cloud your television enjoyment without entitlement to replacement! TechniSat HD-Vision is only equipped with quality 1 panels, i.e. LCD panels without pixel error, 100% pixel error-free.



With 100% pixel error-free



Without 100% pixel error-free



## SPORT+

Movement compensation by SPORT+.

Sports programs with fast movements and picture changes, such as during a football game or motor races, often irritate the viewer by streaking effects and jerky pictures. This is where the unique TechniSat movement compensation intervenes. With the result that for example balls are shown as really round.



With SPORT+



Without SPORT+



## First class contrast

All HD-Vision models have extremely high contrast values for brilliant pictures with enormous depth of focus, great abundance of detail and black contents, which can be really called black. The HD-Vision achieves a contrast ratio of 1000:1. The contrast value of the HD-Vision 40 is 1200:1. The dynamic contrast values are even 5000:1.



With first-class contrast



Without first-class contrast



## Automatic picture brightness adjustment

The picture brightness values of the HD-Vision adapt themselves automatically to the environmental lighting conditions due to sensors. The automatic picture brightness adjustment therefore ensures a harmonious picture adjusted to the brightness of the environment.



With automatic picture brightness adaptation



Without automatic picture brightness adaptation





# The most comprehensive program selection

with the HD-Vision by TechniSat.

You decide what you see and what you hear



With the HD-Vision by TechniSat, you can experience digital Free-TV and Pay-TV<sup>1)</sup> without additional decoder. Irrespective of whether you would like to receive your program digitally via satellite, cable or antenna: The HD-Vision by TechniSat makes you flexible and ready for all eventualities. The integrated multi-reception tuner for receiving programs via digital satellite television, digital and analogue cable television and digital and analogue antenna television gives you the liberty to determine with which signals you supply your HD-Vision and which programs you would like to receive.

1) You require a valid subscription of the respective Pay TV or Pay radio provider including smart card to receive Pay TV and Pay radio. An appropriate CI module is also required depending on the utilised encoding system.

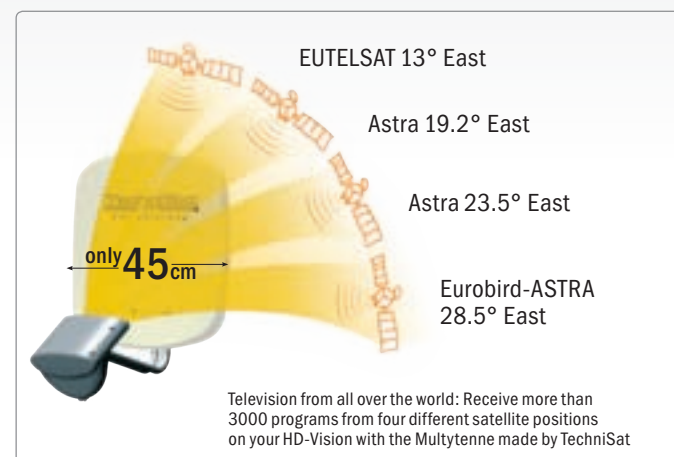
PAY RADIO

# More than 3000 programs

on your HD-Vision with the Multytenne by TechniSat.  
Best program variety from four satellite positions

With the Multytenne by TechniSat, you can receive TV and radio programs from all over the world on your HD-Vision. The Multytenne can be directly connected to the HD-Vision without complicated multi-switch technology. It allows to receive all digital programs of the EUTELSAT 13° East, ASTRA 19.2° East, ASTRA 23.5° East and Eurobird ASTRA 28.5° East satellite systems simultaneously. This means altogether more than 3000 programs, will be available to you in your home in best digital quality.

The Multytenne is extremely compact with a diameter of only 45 cm and is perfectly suited for inconspicuous installation on balconies, building roofs, gardens and garages. Ideal for rented flats in multi-family houses, in which due to lack of space no satellite antenna can be installed. The Multytenne is both available for one-party reception as well as for two-party reception from your specialised dealer.






# Digital program variety via satellite

## EUTELSAT 13° East / Free-TV

(Except)

|                       |           |
|-----------------------|-----------|
| Abu Dhabi TV Europe   | ARE       |
| AL IRAQIA             | ARE       |
| AL JAZEERA            | ARE       |
| Al Jazeera Children's |           |
| Channel               | ARE       |
| JORDAN TV             | ARE       |
| KUWAIT                | ARE       |
| Nile News (AL NILE)   | ARE       |
| OMAN                  | ARE       |
| QATAR TV              | ARE       |
| Sama Dubai            | ARE       |
| NTD TV                | CHN       |
| TV SLJEME             | CRO       |
| BEUR TV               | FRA       |
| Direct 8              | FRA       |
| F Men                 | FRA       |
| Fashion TV            | FRA       |
| LUXE TV               | GBR / FRA |
| NRJ 12                | FRA       |
| TV 8 Mont Blanc       | FRA       |
| TV5 Monde Europe      | FRA       |
| ARD Das Erste         | GER       |
| Deutsche Welle TV     | GER       |
| RTL 2                 | GER       |
| RTL Television        | GER       |
| Super RTL             | GER       |
| VOX                   | GER       |
| ZDF                   | GER       |
| EuroNews              | DIV       |
| ALL MUSIC             | ITA       |
| Camera dei Deputati   | ITA       |

|                       |     |
|-----------------------|-----|
| Canale Italia         | ITA |
| ECO TV (Cinquestelle) | ITA |
| Coming Soon TV        | ITA |
| DANCE TV              | ITA |
| Family Life TV        | ITA |
| BLU 2 (Italian Music) | ITA |
| Lazio Channel         | ITA |
| LIBERA                | ITA |
| Made In Italy         | ITA |
| Puglia Channel        | ITA |

**Rai (ITA)**  
 RAI Uno, RAI Due and RAI Tre are the three official public stations of the Italian television. The stations can be compared to the Germans public Das Erste, ZDF

and the regional third programs. Apart from well-known shows such as „San Remo“, RAI Uno broadcasts current feature films and series. RAI Uno furthermore has the rights for live broadcasts of the Formula 1. Holy masses of the Pope are broadcast life on RAI Uno.

|                   |     |
|-------------------|-----|
| ---RAI Med        | ITA |
| RaiNettunoSat1    | ITA |
| RaiNettunoSat2    | ITA |
| RaiNotizie24      | ITA |
| RaiSportSat       | ITA |
| RTB International | ITA |
| SET               | ITA |

|                        |     |
|------------------------|-----|
| Telenova               | ITA |
| Toscana Channel        | ITA |
| TVA Vicenza            | ITA |
| Edusat                 | POL |
| Mango 24               | POL |
| Polonia 1              | POL |
| Polsat 2               | POL |
| Polsat Zdrowie i uroda | POL |
| TV Puls                | POL |
| TVP Kultura            | POL |
| VIVA Polska            | POL |
| Channel 1 Russia       | RUS |
| RTR Planeta Sport      | RUS |
| DMC TV                 | THA |
| Thai Global Network    | THA |
| TRT-INT                | TUR |

Status quo: 05/08

**Canale 5 (ITA)**  
 started up in 2000 with the first Italian Reality Show. The station especially concentrates on shows, which particularly address the target group of the 14-49 year olds, who are interesting for the advertising market.

Altogether 542 digital TV and 278 digital radio programs via EUTELSAT 13° East.  
 Complete program lists at [www.programmliste.de](http://www.programmliste.de)

## EUROBIRD-ASTRA 28.5° East / Free-TV

(Except)

|                         |     |
|-------------------------|-----|
| Al Jazeera              | ARE |
| Bangla TV               | BEN |
| Baby Channel            | GBR |
| BEN - Big Entertainment |     |
| Network                 | GBR |
| CCTV9                   | GBR |

**Rai Edu 1 (ITA)**  
 The national Italian television would like to address above-average educated social classes in Italy with "RAI Edu1". Religious and intellectual discussion are very important on "RAI Edu1". Art, culture and history are particularly philosophised on. The talk shows broadcast by "RAI Edu1" are on a very high level. High-quality and well-investigated reports and documentations complete the picture.

|                     |     |
|---------------------|-----|
| Channel M           | GBR |
| channel U           | GBR |
| Chart Show TV       | GBR |
| Eat Cinema          | GBR |
| FIZZ                | GBR |
| JJB (Golf Pro-Shop) | GBR |
| HollywoodTV         | GBR |
| Islam Channel       | GBR |
| Max TV              | GBR |
| Movies4Men          | GBR |
| Performance Channel | GBR |
| Playboy One         | GBR |
| propeller           | GBR |
| The God Channel UK  |     |
| & Ireland           | GBR |

**BBC One East (GBR)**  
 BBC One is a full program with information, entertainment, and news for the whole family. The TV program also broadcasts large British events and entertains a series of stations for different regions in Great Britain

|   |     |
|---|-----|
| The Vault                               | GBR |
| Thomas Cook                             | GBR |
| Zone Horror                             | GBR |
| Gospel Channel Europe                   | ISL |
| BBC 1 London *                          | GBR |
| BBC 2 England *                         | GBR |
| BBC FOUR *                              | GBR |
| BBC NEWS 24                             | GBR |
| BBC ONE Cambridge *                     | GBR |
| BBC ONE Channel Islands *               | GBR |
| BBC ONE East Midlands *                 | GBR |
| BBC ONE East Yorkshire & Lincolnshire * | GBR |
| BBC ONE North East & Cumbria *          | GBR |
| BBC ONE North West *                    | GBR |
| BBC TWO Northern Ireland *              | GBR |
| BBC ONE Oxford *                        | GBR |
| BBC TWO Scotland *                      | GBR |
| BBC ONE South *                         | GBR |
| BBC ONE South East *                    | GBR |
| BBC ONE South West *                    | GBR |
| BBC ONE Wales *                         | GBR |
| BBC ONE West *                          | GBR |
| BBC ONE West Midlands *                 | GBR |

|                                      |     |
|--------------------------------------|-----|
| BBC ONE Yorkshire & North Midlands * | GBR |
| BBC TWO Northern Ireland *           | GBR |
| BBC TWO Scotland *                   | GBR |
| CBBC Channel *                       | GBR |
| CBeebies *                           | GBR |
| Channel 4 London                     | GBR |
| CITV *                               | GBR |
| Film4 *                              | GBR |
| Film4 +1 *                           | GBR |
| ITV 1 *                              | GBR |
| ITV 2 *                              | GBR |
| ITV 3 *                              | GBR |
| ITV 3 (G54) *                        | GBR |
| ITV 4 *                              | GBR |
| ITV Channel Is *                     | GBR |
| Men & Motors *                       | GBR |
| Scottish TV E                        | GBR |
| Scottish TV W                        | GBR |
| Sky News UK                          | GBR |
| Real Estate TV                       | GBR |
| Teachers' TV                         | GBR |

**SKY TG 24 (ITA)**  
 „Sky TG24“, comparable to the German news station N24, broadcasts news from Italy and from the whole world seven days a week and around the clock. Also in the program: political analyses, interviews and roundtables. With the help of a multitude of own journalists, "Sky TG24" occupies itself world-wide in detail with important events and thereby keeps the interested viewer up-to-date.



# Digital program variety via satellite:

## ASTRA 2D - 28.2° East

\* Receivable channels within the selected zone



### Wine TV

(GER/GBR)

The first and only channel of the world, which occupies itself exclusively with the topic of wine, the way of life of wine lovers and other connected topics, such as beer, liquor, cigars, eating, travelling, fashion, health, art and culture.



### BBC Two Wales

(GBR)

Full program with series, films, entertainment, history, science, documentaries, art, theatre, and feature films, which are broadcast on the second TV channel of the BBC. The format Newslight in the evening offers background information and analyses beyond the headlines. BBC Two has regional stations for Scotland, Northern Ireland and Wales.



### BBC Three (GBR)

The multi-cultural channel BBC Three is especially meant for young adults. A 21-hour program is broadcast with a mix of news, news of the day, art and science.

Altogether 311 digital TV and 112 digital radio programs via EURO-BIRD-ASTRA 28.5 East. Complete program lists at [www.programmliste.de](http://www.programmliste.de)

## ASTRA 23.5° East / Free-TV (Except)

|                    |     |
|--------------------|-----|
| SAT.1 Bayern       | GER |
| SAT.1 HH/SH        | GER |
| SAT.1 National     | GER |
| SAT.1 NRW          | GER |
| SAT.1 NS/Bremen    | GER |
| SAT.1 Rhlpf/Hessen | GER |
| K-TV Fernsehen     | GER |
| Kabel Digital Info | GER |
| LIMBURG TV         | NLD |
| CT 24              | CZE |

**arte** ARTE has established itself as a serious player in the German, French and European television landscape. The high quality and the European approach of the varied program distinguish the television station, of which half belongs to the financing France and Germany each.

|           |     |
|-----------|-----|
| Noe TV    | CZE |
| Ocko TV   | CZE |
| TA 3      | SVK |
| arte      | GER |
| Phoenix   | GER |
| Ring TV   | SVK |
| TV-Noord  | NLD |
| TV Oost   | NLD |
| EinsExtra | GER |
| EinsPlus  | GER |

Status quo: 05/08

## ASTRA 19.2° East / Free-TV (Except)

|                                |
|--------------------------------|
| 3sat                           |
| 9Live                          |
| Al Jazeera Satellite Channel   |
| Bahn TV                        |
| Bayerisches Fernsehen          |
| BBC World                      |
| Bibel TV                       |
| Bloomberg TV Deutschland       |
| Budapest TV                    |
| BR Alpha                       |
| CNBC Europe                    |
| CNN International Europe       |
| CUBAVISION                     |
| Das Erste                      |
| DAS VIERTE                     |
| Deutsches Gesundheitsfernsehen |
| DIRECT 8                       |
| DMAX                           |
| DSF                            |
| EinsExtra                      |
| EinsFestival                   |
| EinsPlus                       |
| EURONEWS                       |
| Eurosport                      |
| France 24                      |
| GIGA                           |
| GOD Channel                    |
| GoTV                           |
| hr-fernsehen                   |

|                 |
|-----------------|
| HSE24           |
| imusic TV       |
| JAMBA! TV       |
| Kabel1          |
| KI.KA           |
| lastminute.TV   |
| Mallorca.TV     |
| MDR FERNSEHEN   |
| MTV Germany     |
| N24             |
| NDR             |
| NICK            |
| n-tv            |
| ORF 2 E         |
| Phoenix         |
| ProSieben       |
| QVC Deutschland |
| Radio Bremen TV |
| RAI1            |
| rbb Berlin      |
| rbb Brandenburg |
| rhein main tv   |
| RTL 2           |
| RTL Shop        |
| RTL Television  |
| Russia Today    |
| SAT.1           |
| Sonnenklar TV   |
| SportsWin.TV    |

|                       |
|-----------------------|
| SR Fernsehen Suedwest |
| Super RTL             |
| SWR Fernsehen BW      |
| Techni-Tipp-TV        |
| Tier.TV               |
| Travel Channel        |
| TRT International     |
| TV Polonia            |
| TV5 Monde Europa      |
| tv.gusto              |
| TV GALICIA            |
| TV Canaria            |
| VenusClub.tv          |
| Viva                  |
| VIVA PLUS             |
| VOX                   |
| WDR                   |
| YAYIDO CLIPS          |
| ZDF                   |
| ZDFdokukanal          |
| ZDFinfokanal          |
| ZDFtheaterkanal       |

Status quo: 5/08



### DAS VIERTE (GER)

Big feelings and first-class entertainment with the best American film and series productions of the last 40 years.

Altogether 252 digital TV and 292 digital radio programs via ASTRA 19.2° East. Complete program lists at [www.programmliste.de](http://www.programmliste.de)

# Perfect radio reception

With your HD-Vision, you can receive radio programs via satellite, cable, DVB-T and VHF

Your HD-Vision allows you to receive more than only television programs. You play in the first radio reception league with the HD-Vision of TechniSat. Receive radio programs in perfect digital quality via satellite, cable or antenna. You can of course also receive your favourite programs from your regional VHF network with HD-Vision.

**More than 200 digital radio programs throughout Europe via satellite with your HD-Vision**

Your HD-Vision enables you to receive over 200 radio programs without additional costs in best digital quality throughout Europe via the ASTRA 19.2° East satellite. Additional channels of further satellite positions are possible



# The best radio programs for you

With your HD-Vision. Classical music, Country, Jazz, Oldies and today's chart hits Charthits without advertising interruptions

Apart from its innovative technology and its particularly user-friendly operation, the HD-Vision is also a designer piece of interior decoration. The HD-Vision is available in over 30 different versions so that you can find the model that suits your individual character. The greatest care is taken, as is also the case during all production processes.

Only high-quality lacquers are used. These are applied and refined in a complex procedure. For this purpose, the trend colours platinum and black are applied in 3 individual layers, the high-gloss lacquers even in 5 layers. Design and appearance, which you will continue to love in years!

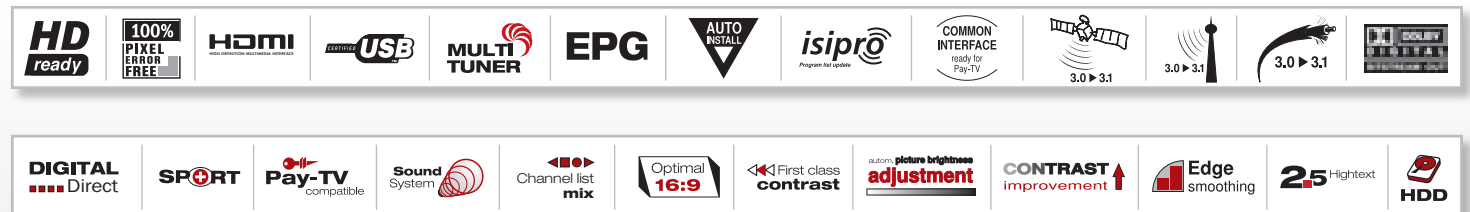




# Configuration HD-Vision 32

HD-VISION  
HD-VISION  
32

|        |   |                  |
|--------|---|------------------|
| COLORS |  | SILVER           |
|        |  | HIGH GLOSS BLACK |
|        |  | HIGH GLOSS WHITE |
|        |  | PLATINUM         |
|        |  | BLACK            |





## FEATURES

- 32" LCD television set 16:9 (81 cm visible image)
- Multi-function tuner (for DVB-S, DVB-T, DVB-C, analogue cable, analogue terrestrial and VHF)
- HD Ready
- Electronic Program Guide (EPG)
- Installation assistant AutoInstall
- TechniMatic (automatic software update)
- Common Interface slot
- S-Video connection
- 2 HDMI connections (HDCP implemented)
- USB connection
- Resolution: 1366 x 768 (lines x rows)
- 16,7 million colours
- Contrast:  
1200:1 or  
2000:1 (HD-Vision PVR / Plus)
- Dynamic contrast  
5000:1 or  
12000:1 (HD-Vision PVR / Plus)
- Brightness: 500 cd/m2
- Response time: 8 ms
- AC3 Dolby Digital bitstream out
- 2-way loudspeaker system with bass reflex (loudspeaker detachable)
- aTHP ( advanced TechniSat Home Platform)
- 2 SCART connectors
- CONAX smartcard-reader
- YUV connections
- Subwoofer-connections



Good (2,2)  
Tested: 11 LCD devices  
Best grade 2,2



Test result: GOOD



Very good



Price /performance:  
Very good  
Result: 1,4  
Top class



Innovation prize 2006  
Communication award

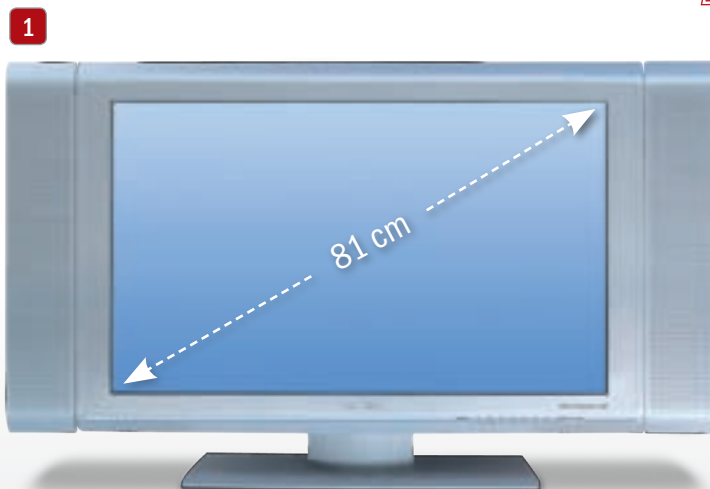


Price/performance ratio:  
Very good  
Top class

# HD-Vision 32/HD-Vision 32 PVR Silver

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 32 PVR



You can find a  
fast overview of  
all features and  
technical data at  
page 44

|                       | 1  | 2   | 3   | 4  |
|-----------------------|--|---|---|--|
|                       | Side-mounted loudspeakers<br>Without contrast pane | Side-mounted loudspeakers<br>With contrast pane | Base-mounted loudspeakers<br>With contrast pane | Base-mounted loudspeakers<br>Without contrast pane |
| Technical data:       |  |   |   |  |
| Article No.           | 5032/0100  | 5032/0200                                       | 5032/0400                                       | 5032/0300  |
| EAN                   | 4019588321007                                      | 4019588322004                                   | 4019588324008                                   | 4019588323001                                      |
| Article No. PVR       | 5232/0100  | 5232/0200                                       | 5232/0400                                       | 5232/0300  |
| EAN PVR               | 4019588232013                                      | 4019588322004                                   | 4019588234000                                   | 4019588232303                                      |
| Weight:               | net: 21 kg<br>gross: 26.8 kg                       | net: 24 kg<br>gross: 29.8 kg                    | net: 24 kg<br>gross: 29.8 kg                    | net: 21 kg<br>gross: 26.8 kg                       |
| Packing unit (pallet) | 6  | 6   | 6   | 6  |
| Dimensions (WxHxD)    |  |   |   |  |
| Device:               | 100.5 x 57.5 x 20 cm                               | 100.5 x 57.5 x 20 cm                            | 80.5 x 67.5 x 20 cm                             | 80.5 x 67.5 x 20 cm                                |
| Carton package:       | 112.5 x 74 x 33 cm                                 | 112.5 x 74 x 33 cm                              | 101 x 77 x 32 cm                                | 101 x 77 x 32 cm                                   |



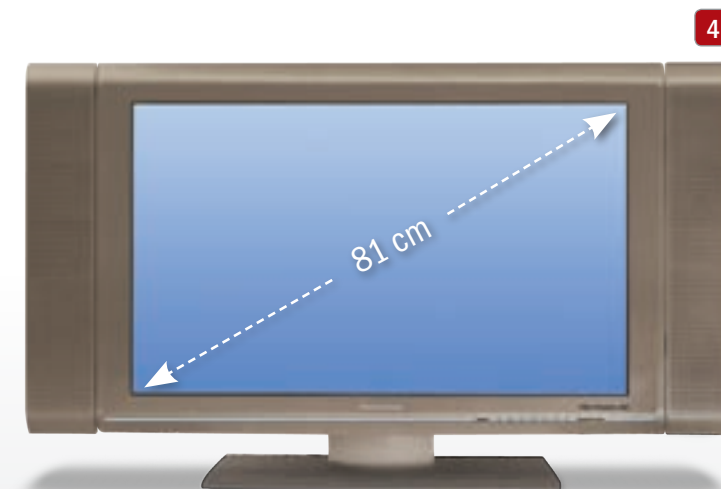
# HD-Vision 32/HD-Vision 32 PVR Platinum

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 32 PVR



|                        | 1  | 2   | 3   | 4  |
|------------------------|--|---|---|--|
| <b>Technical data:</b> | <b>Base-mounted loudspeakers<br/>Without contrast pane</b> | <b>Base-mounted loudspeakers<br/>With contrast pane</b> | <b>Side-mounted loudspeakers<br/>With contrast pane</b> | <b>Side-mounted loudspeakers<br/>Without contrast pane</b> |
| Article No.            | 5032/0305  | 5032/0405   | 5032/0205   | 5032/0105  |
| EAN                    | 4019588323056  | 4019588324053   | 4019588322059   | 4019588321052  |
| Article No. PVR        | 5232/0305  | 5232/0405   | 5232/0205   | 5232/0105  |
| EAN PVR                | 4019588233058  | 4019588234055   | 4019588232051   | 4019588231054  |
| Weight:                | net: 21 kg<br>gross: 26.8 kg                               | net: 24 kg<br>gross: 29.8 kg                            | net: 24 kg<br>gross: 29.8 kg                            | net: 21 kg<br>gross: 26.8 kg                               |
| Packing unit (pallet)  | 6  | 6   | 6   | 6  |
| Dimensions (WxHxD)     |  |   |   |  |
| Device:                | 80.5 x 67.5 x 20 cm  | 80.5 x 67.5 x 20 cm                                     | 100.5 x 57.5 x 20 cm                                    | 100.5 x 57.5 x 20 cm                                       |
| Carton package:        | 101 x 77 x 32 cm   | 101 x 77 x 32 cm  | 112.5 x 74 x 33 cm                                      | 112.5 x 74 x 33 cm   |

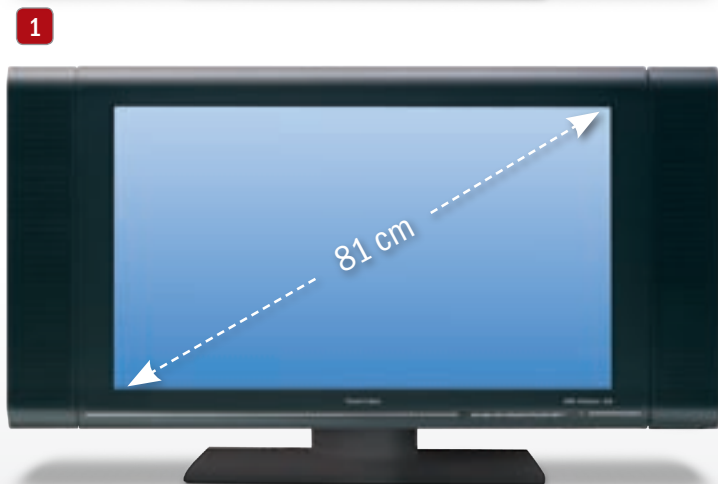


# HD-Vision 32/HD-Vision 32 PVR black

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 32 PVR

You can find a  
fast overview of  
all features and  
technical data at  
page 44



|                        | 1  | 2   | 3   | 4  |
|------------------------|--|---|---|--|
| <b>Technical data:</b> | Side-mounted loudspeakers<br>Without contrast pane | Side-mounted loudspeakers<br>With contrast pane | Base-mounted loudspeakers<br>With contrast pane | Base-mounted loudspeakers<br>Without contrast pane |
| Article No.            | 5032/0116  | 5032/0216                                       | 5032/0416                                       | 5032/0316  |
| EAN                    | 4019588321168                                      | 4019588322165                                   | 4019588324169                                   | 4019588323162                                      |
| Article No. PVR        | 5232/0116  | no PVR model available                          | 5232/0416                                       | 5232/0316  |
| EAN PVR                | 4019588231160                                      |   | 4019588232464                                   | 4019588233058                                      |
| Weight:                | net: 21 kg<br>gross: 26.8 kg                       | net: 24 kg<br>gross: 29.8 kg                    | net: 24 kg<br>gross: 29.8 kg                    | net: 21 kg<br>gross: 26.8 kg                       |
| Packing unit (pallet)  | 6  | 6   | 6   | 6  |
| Dimensions (WxHxD)     |  |   |   |  |
| Device:                | 100.5 x 57.5 x 20 cm                               | 100.5 x 57.5 x 20 cm                            | 80.5 x 67.5 x 20 cm                             | 80.5 x 67.5 x 20 cm                                |
| Carton package:        | 112.5 x 74 x 33 cm                                 | 112.5 x 74 x 33 cm                              | 101 x 77 x 32 cm                                | 101 x 77 x 32 cm                                   |

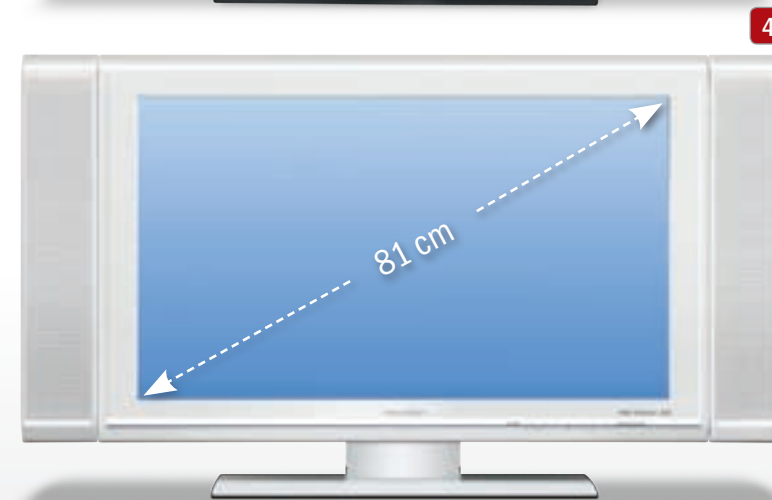
# HD-Vision 32 high gloss

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 32 PVR



|                       | 1  | 2   | 3   | 4  |               |
|-----------------------|--|---|---|--|---------------|
| Technical data:       | Base-mounted loudspeakers<br>Without contrast pane | Base-mounted loudspeakers<br>With contrast pane | Side-mounted loudspeakers<br>With contrast pane | Side-mounted loudspeakers<br>Without contrast pane |               |
|                       | white  | black   | black   | white  | black         |
| Article No.           | 5032/0311  | 5032/0426                                       | 5032/0226                                       | 5032/0111  | 5032/0126     |
| EAN                   | 4019588323117                                      | 4019588324268                                   | 4019588322264                                   | 4019588321113                                      | 4019588321267 |
| Weight:               | net: 21 kg<br>gross: 26.8 kg                       | net: 24 kg<br>gross: 29.8 kg                    | net: 24 kg<br>gross: 29.8 kg                    | net: 21 kg<br>gross: 26.8 kg                       |               |
| Packing unit (pallet) | 6  | 6   | 6   | 6  |               |
| Dimensions (WxHxD)    |  |   |   |  |               |
| Device:               | 80.5 x 67.5 x 20 cm                                | 80.5 x 67.5 x 20 cm                             | 100.5 x 57.5 x 20 cm                            | 100.5 x 57.5 x 20 cm                               |               |
| Carton package:       | 101 x 77 x 32 cm                                   | 101 x 77 x 32 cm                                | 112.5 x 74 x 33 cm                              | 112.5 x 74 x 33 cm                                 |               |





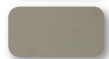
# Configuration HD-Vision 40

HD-VISION  
HD-VISION  
40

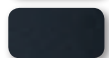
COLORS



SILVER



PLATINUM



BLACK





## FEATURES

- 40" LCD television set 16:9 (102 cm visible image)
- Multi-function tuner (for DVB-S, DVB-T, DVB-C, analogue cable, analogue terrestrial and VHF)
- HD Ready
- Electronic Program Guide (EPG)
- Installation assistant AutoInstall
- TechniMatic (automatic software update)
- Common Interface connection
- S-video connection
- 2 HDMI connections (HDCP implemented)
- USB connection
- Resolution: 1366 x 768 (lines x rows)
- 16.7 million colours
- Contrast:  
1200:1 or  
2000:1 (HD-Vision PVR / Plus)
- Dynamic contrast  
5000:1 or  
12000:1 (HD-Vision PVR / Plus)
- Brightness: 500 cd/m2
- Response time: 8 ms
- AC3 Dolby Digital bitstream out
- 2-way loudspeaker system with bass reflex (loudspeaker detachable)
- aTHP (advanced TechniSat Home Platform)
- 2 SCART connections
- CONAX smartcard-reader
- YUV connection



Test winner  
Result: 2,51



Rating 9/06  
TechniSat HD-Vision 40  
Test verdict: very good  
Price/performance: very good

# HD-Vision 40/HD-Vision 40 PVR Silver

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 40 PVR

You can find a fast overview of all features and technical data at page 44

|                        | 1  | 2   | 3   | 4  |
|------------------------|--|---|---|--|
| <b>Technical data:</b> | <b>Side-mounted loudspeakers<br/>Without contrast pane</b> | <b>Side-mounted loudspeakers<br/>With contrast pane</b> | <b>Base-mounted loudspeakers<br/>With contrast pane</b> | <b>Base-mounted loudspeakers<br/>Without contrast pane</b> |
| Article No.            | 5040/0100  | 5040/0200   | 5040/0400   | 5040/0300  |
| EAN                    | 4019588401006  | 4019588402003   | 4019588404007   | 4019588403000  |
| Article No. PVR        | 5240/0100  | 5240/0200   | 5240/0400   | 5240/0300  |
| EAN PVR                | 4019588240100  | 4019588240209   | 4019588240005   | 4019588240308  |
| Weight:                | net: 30 kg<br>gross: 37 kg                                 | net: 34.5 kg<br>gross: 42 kg                            | net: 34.5 kg<br>gross: 42 kg                            | net: 30 kg<br>gross: 37 kg                                 |
| Packing unit (pallet)  | 6  | 6   | 6   | 6  |
| Dimensions (WxHxD)     |  |   |   |  |
| Device :               | 120.5 x 67.5 x 20 cm                                       | 120.5 x 67.5 x 20 cm                                    | 100.5 x 77.5 x 20 cm                                    | 100.5 x 77.5 x 20 cm                                       |
| Carton package :       | 140 x 75.6 x 30 cm   | 140 x 75.6 x 30 cm                                      | 120 x 84.6 x 30 cm                                      | 120 x 84.6 x 30 cm   |

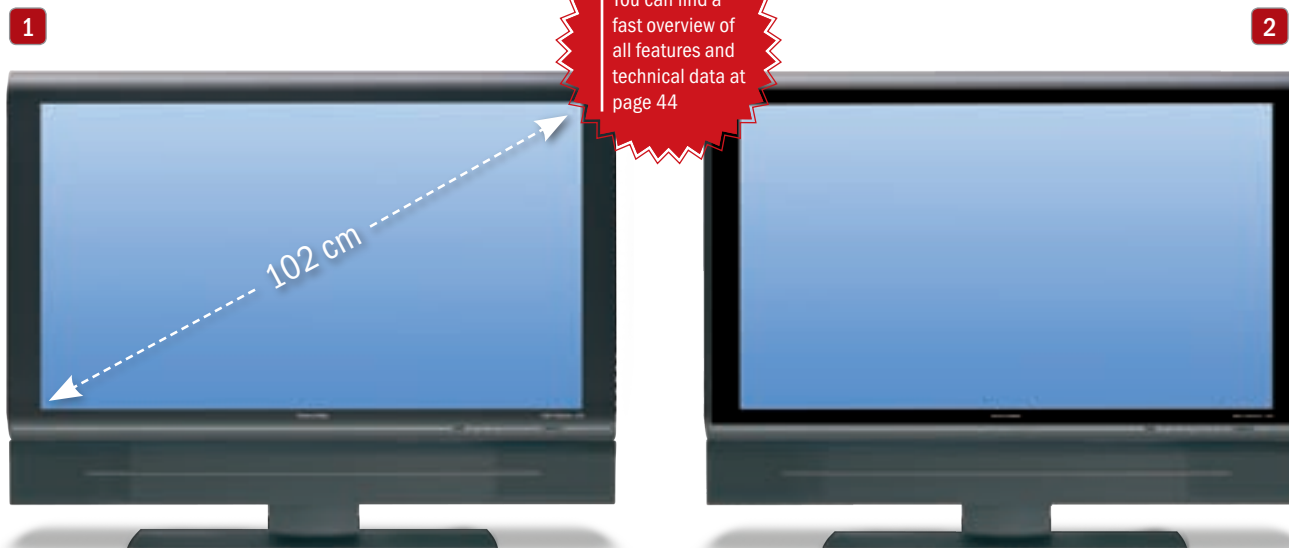


# HD-Vision 40/HD-Vision 40 PVR **black**

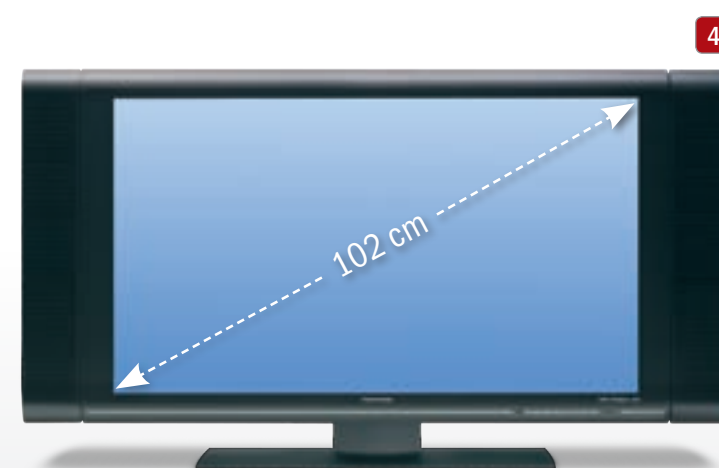
Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 40 PVR

You can find a  
fast overview of  
all features and  
technical data at  
page 44



|                        | 1  | 2   | 3   | 4  |
|------------------------|--|---|---|--|
| <b>Technical data:</b> | <b>Base-mounted loudspeakers<br/>Without contrast pane</b> | <b>Base-mounted loudspeakers<br/>With contrast pane</b> | <b>Side-mounted loudspeakers<br/>With contrast pane</b> | <b>Side-mounted loudspeakers<br/>Without contrast pane</b> |
| Article No.            | 5040/0316  | 5040/0416   | 5040/0216   | 5040/0116  |
| EAN                    | 4019588403161  | 4019588404168   | 4019588402164   | 4019588401167  |
| Article No. PVR        | 5240/0316  | 5240/0416   | 5240/0216   | 5240/0116  |
| EAN PVR                | 4019588240360  | 4019588424166   | 4019588422162   | 4019588421165  |
| Weight:                | net: 30 kg<br>gross: 37 kg                                 | net: 34.5 kg<br>gross: 42 kg                            | net: 34.5 kg<br>gross: 42 kg                            | net: 30 kg<br>gross: 37 kg                                 |
| Packing unit (pallet)  | 6  | 6   | 6   | 6  |
| Dimensions (WxHxD)     |  |   |   |  |
| Device:                | 100.5 x 77.5 x 20 cm                                       | 100.5 x 77.5 x 20 cm                                    | 120.5 x 67.5 x 20 cm                                    | 120.5 x 67.5 x 20 cm                                       |
| Carton package:        | 120 x 84.6 x 30 cm   | 120 x 84.6 x 30 cm                                      | 140 x 75.6 x 30 cm                                      | 140 x 75.6 x 30 cm   |

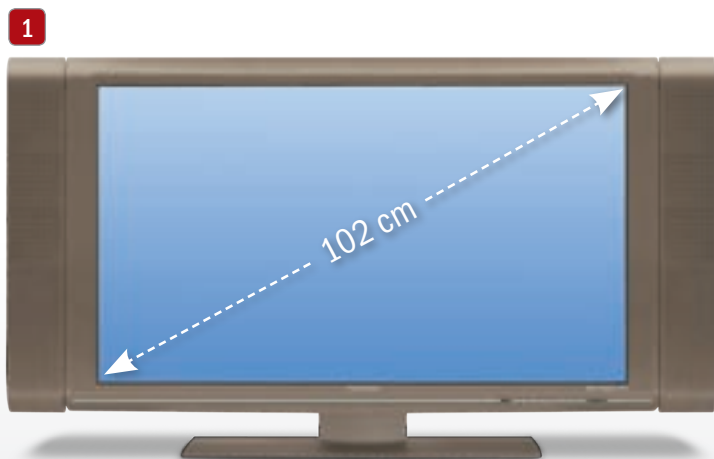
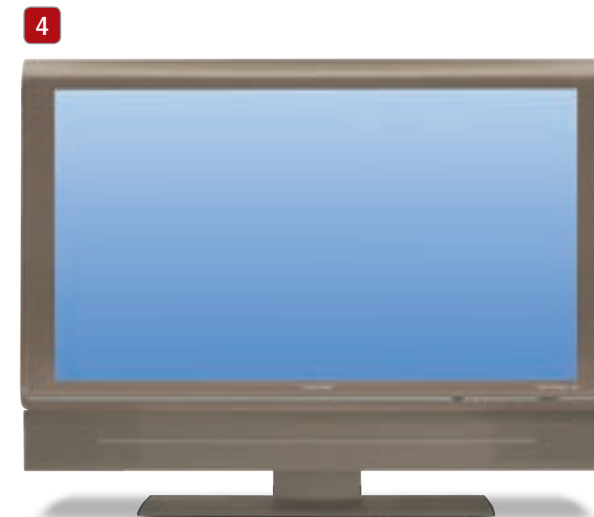


# HD-Vision 40/HD-Vision 40 PVR Platinum

Also available with integrated  
160 GB hard disk drive

**PVR**  
HD-Vision 40 PVR

You can find a  
fast overview of  
all features and  
technical data at  
page 44



|                        | 1   | 2   | 3  | 4  |
|------------------------|---|---|--|--|
| <b>Technical data:</b> | <b>Base-mounted loudspeakers<br/>With contrast pane</b> | <b>Side-mounted loudspeakers<br/>With contrast pane</b> | <b>Base-mounted loudspeakers<br/>Without contrast pane</b> | <b>Side-mounted loudspeakers<br/>Without contrast pane</b> |
| Article No.            | 5040/0405   | 5040/0205   | 5040/0305  | 5040/0105  |
| EAN                    | 4019588524050   | 4019588402055   | 4019588403055  | 4019588401051  |
| Article No. PVR        | 5240/0405   | no PVR model available                                  | 5240/0305  | no PVR model available                                     |
| EAN PVR                | 4019588423053   |   | 4019588423053  |  |
| Weight:                | net: 34.5 kg<br>gross: 42 kg                            | net: 34.5 kg<br>gross: 42 kg                            | net: 30 kg<br>gross: 37 kg                                 | net: 30 kg<br>gross: 37 kg                                 |
| Packing unit (pallet)  | 6   | 6   | 6  | 6  |
| Dimensions (WxHxD)     |   |   |  |  |
| Device:                | 80.5 x 67.5 x 20 cm                                     | 100.5 x 57.5 x 20 cm                                    | 80.5 x 67.5 x 20 cm  | 100.5 x 57.5 x 20 cm                                       |
| Carton package:        | 101 x 77 x 32 cm  | 112.5 x 74 x 33 cm                                      | 101 x 77 x 32 cm   | 112.5 x 74 x 33 cm   |

# HD-Vision 32 Basic\*

TechniSat basic model

You can find a fast overview of all features and technical data at page 44



Incl. LCD wall mount 32"



## FEATURES

- 32" LCD television set 16:9 (81 cm visible image)
- Multi-function tuner (for DVB-S, DVB-T, DVB-C, analogue cable, analogue terrestrial and VHF)
- HD Ready
- Electronic Program Guide (EPG)
- Installation assistant AutoInstall
- TechniMatic (automatic software update)
- Common Interface slot
- S-Video connection
- 2 HDMI connections (HDCP implemented)
- USB connection
- Resolution: 1366 x 768 (lines x rows)
- 16,7 million colours
- Contrast: 1200:1
- Dynamic contrast 5000:1
- Brightness: 500 cd/m2
- Response time: 8 ms
- AC3 Dolby Digital bitstream out
- 2-way loudspeaker system with bass reflex (loudspeaker detachable)
- aTHP ( advanced TechniSat Home Platform)
- 2 SCART connectors
- CONAX smartcard-reader
- YUV connections
- Subwoofer-connections

| Technical data:    |                   |
|--------------------|-------------------|
| Article No.        | 5032/1100         |
| EAN                | 4019588321106     |
| Dimensions (WxHxD) |                   |
| Device :           | 80,5 x 51 x 11 cm |
| Carton package :   | 101 x 77 x 32 cm  |

\* unit base and loudspeaker boxes are not included in delivery





# HD-Vision Plus






- Aluminium Panel
- Contrast pane
- Dynamic contrast 12000:1
- with TechniSat LCD-Remotecontrol and TechniSat Remoty

You can find a fast overview of all features and technical data at page 44

## FEATURES

- 32" LCD television set 16:9 (81 cm visible image)
- Multi-function tuner (for DVB-S, DVB-T, DVB-C, analogue cable, analogue terrestrial and VHF)
- HD Ready
- Electronic Program Guide (EPG)
- Installation assistant AutoInstall
- TechniMatic (automatic software update)
- Common Interface slot
- S-Video connection
- 2 HDMI connections (HDCP implemented)
- USB connection
- Resolution: 1366 x 768 (lines x rows)
- 16,7 million colours
- Contrast: 2000:1
- Dynamic contrast 12000:1
- Brightness: 500 cd/m2
- Response time: 8 ms
- AC3 Dolby Digital bitstream out
- 2-way loudspeaker system with bass reflex (loudspeaker detachable)
- aTHP ( advanced TechniSat Home Platform)
- 2 SCART connectors
- CONAX smartcard-reader
- YUV connections
- Subwoofer-connections

|        |   |          |
|--------|---|----------|
| COLORS |   | SILVER   |
|        |  | PLATINUM |
|        |  | BLACK    |

integrated  
**DigiButler**  Service



# HD-Vision Plus/HD-Vision Plus PVR

Silver • Platinum • Black

Also available with integrated  
160 GB hard disk drive

**PVR**

You can find a  
fast overview of  
all features and  
technical data at  
page 44



| Technical data:       | Base-mounted loudspeakers SILVER<br>With contrast pane | Base-mounted loudspeakers PLATINUM<br>With contrast pane | Base-mounted loudspeakers BLACK<br>Without contrast pane |
|-----------------------|--|--|--|
| Article No.           | 5032/0500  | 5032/0505  | 5032/0516  |
| EAN                   | 4019588325005  | 4019588325050  | 4019588325166  |
| Article No. PVR       | 5232/0500  | 5232/0505  | 5232/0516  |
| EAN PVR               | 4019588232501  | 4019588235052  | 4019588235168  |
| Weight:               | net: 28 kg<br>gross: 33.8 kg                           | net: 28 kg<br>gross: 33.8 kg                             | net: 28 kg<br>gross: 33.8 kg                             |
| Packing unit (pallet) | 6  | 6  | 6  |
| Dimensions (WxHxD)    |  |  |  |
| Device:               | 80.5 x 69.5 x 20 cm                                    | 80.5 x 69.5 x 20 cm                                      | 80.5 x 69.5 x 20 cm                                      |
| Carton package:       | 100.5 x 80 x 31.5 cm                                   | 100.5 x 80 x 31.5 cm                                     | 100.5 x 80 x 31.5 cm                                     |

# TechniVision 22

black / silver



You can find a fast overview of all features and technical data at page 44

Hotelmode

240  
12 Volt

HDMI  
HIGH DEFINITION MULTIMEDIA INTERFACE

VGA

COLORS



BLACK / SILVER

## FEATURES

- 22" LCD television (55cm visible image)
- Resolution: 1680x 1050 (lines x rows)
- Brightness: 300cd/m2
- Contrast: 700:1
- Response time: 5ms
- Angle: 160°v 170°h
- OSD (German, English, French, Italian, Spain)
- Videotext
- 1x S-video-in connection
- 1x Audio-in connection
- 1x HDMI connection
- 1x HDMI connection

| Technical data:       | Base-mounted loudspeakers  |
|-----------------------|----------------------------|
| Article No.           | 5022/6300                  |
| EAN                   | 4019588226302              |
| Weight:               | net: 6.5 kg<br>gross: 8 kg |
| Packing unit (pallet) | 12                         |
| Dimensions (WxHxD)    |                            |
| Device:               | 53.5 x 46 x 21 cm          |
| Carton package:       | 64.5 x 51 x 24.5 cm        |



New 2008

|        |   |          |
|--------|---|----------|
| COLORS |  | SILVER   |
|        |  | PLATINUM |
|        |  | BLACK    |



Available: September 2008



# HDTV 46\* / HDTV 40

The new TechniSat HDTV-concept includes Full-HD, dual-HDTV-multituner and hard disk drive in a single unique. Quality made in Germany!

## FEATURES

- 40" LCD television 16:9 (102 cm visible image)
- 46" LCD television 16:9 (116 cm visible image)
- Dual HDTV Multituner  
HDTV (MPEG4+2) / SD (MPEG2)  
2x DVB-S, 2x DVB-C, 2x DVB-T  
2x analogue cable, 2x analogue terrestrial,  
2x FM/ VHF
- Electronic Program Guide (EPG)
- ISIPRO (Program-list update via DVB-S)
- Installation assistant AutoInstall
- Videotext (Level 1.5 and HiText Level 2.5)
- TechniMatic: Automatic software update
- PIP/PAP (picture in picture/ picture and picture)
- PAT (Picture and text)
- 500 GB hard disk drive (HDTV 46)
- 250 GB hard disk drive (HDTV 40)
- Integrated CONAX decrypted system with  
1 smartcard-reader for Pay-TV/ Pay-radio
- 2x Common Interface
- OSD menu: 14 languages
- Memory capacity for 6000 programs
- Ethernet slot
- S-Video connection
- 3 HDMI connection (HDCP implemented)
- USB 2.0 connection
- aTHP (= advanced TechniSat Home Platform)
- Resolution: 1920 x 1080
- Contrast: 3000:1
- Dynamic contrast:  
15000:1
- Brightness: 500cd/m2
- Response time: 8ms
- 2-way loudspeaker  
system with bass reflex  
(only HDTV 40)
- Optionally available  
loudspeaker boxes for  
HDTV 46
- YUV connections
- 2 Scart connections
- Subwoofer-connections

## Top Equipment

- ▶ ALUMINUM FRAME COATED WITH ELOXAL
- ▶ DUAL HDTV MULTITUNER
  - 2X DVB-S2
  - 2X DVB-C
  - 2X DVB-T
  - 2X ANALOGUE CABLE
  - 2X ANALOGUE TERRESTRIAL
  - 2X FM-RADIO
- ▶ HDTV 46: 500 GB HARD DISK DRIVE
- ▶ HDTV 40: 250 GB HARD DISK DRIVE
- ▶ 2 CI-SLOTS

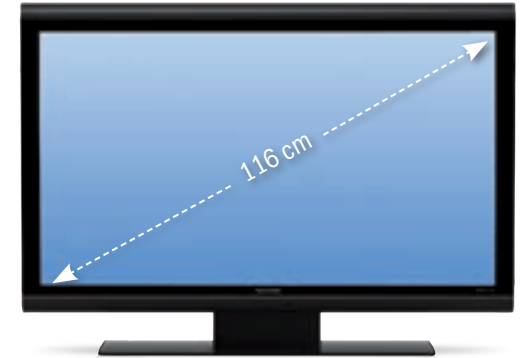
You can find a  
fast overview of  
all features and  
technical data at  
page 44



# HDTV 46\*

Silver • Platinum • Black

You can find a fast overview of all features and technical data at page 44



|                       | HDTV 46              | HDTV 40                 | HDTV 46              | HDTV 40                 | HDTV 46              | HDTV 40                   |
|-----------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|---------------------------|
|                       | SILVER               |                         | PLATINUM             |                         | BLACK                |                           |
| Technical data:       | With contrast pane   |                         | With contrast pane   |                         | With contrast pane   |                           |
| Article No.           | 5346/0500            | 5340/0300               | 5032/0505            | 5340/0305               | 5346/0516            | 5340/0400                 |
| EAN                   | 4019588465008        | 4019588343009           | 4019588465053        | 4019588343054           | 4019588465169        | 4019588344006             |
| Weight:               | net: 42 kg           | net: 30 kg, gross 37 kg | net: 42 kg           | net: 30 kg, gross 37 kg | net: 42kg            | net: 34.5 kg, gross 42 kg |
| Packing unit (pallet) | 6                    | 6                       | 6                    | 6                       | 6                    | 6                         |
| Dimensions (WxHxD)    |                      |                         |                      |                         |                      |                           |
| Device:               | 113.1 x 77.8 x 20 cm | 100.5 x 77.5 x 20 cm    | 113.1 x 77.8 x 20 cm | 100.5 x 77.5 x 20 cm    | 113.1 x 77.8 x 20 cm | 100.5 x 77.5 x 20 cm      |

## WIRELESS LOUDSPEAKERSYSTEM for HDTV 46

Silver • Platinum • Black

| Technical data:      | Shelf-mounted loudspeaker | Floor-mounted loudspeaker |
|----------------------|---------------------------|---------------------------|
| Article No. silver   | 0046/0500                 | 0046/1500                 |
| EAN silver           | 4019588460508             | 4019588461505             |
| Article No. black    | 0046/0516                 | 0046/1516                 |
| EAN black            | 4019588460560             | 4019588461587             |
| Article No. platinum | 0046/0505                 | 0046/1505                 |
| EAN platinum         | 4019588460553             | 4019588461550             |





|   | HD-Vision Basic*   | HD-Vision 32                                     | HD-Vision 40                                     | HD-Vision Plus                                   | HD-Vision 32PVR                                  | HD-Vision 40PVR                                  | HD-Vision Plus PVR                               |
|---|--|--|--|--|--|--|--|
| Display: Type   | TFT-LCD  | TFT-LCD  | TFT-LCD  | TFT-LCD  | TFT-LCD  | TFT-LCD  | TFT-LCD  |
| Size  | 32" (81cm)   | 32" (81cm)                                       | 40" (102cm)                                      | 32" (81cm)                                       | 32" (81cm)                                       | 40" (102cm)                                      | 32" (81cm)                                       |
| Format  | 16:9   | 16:9   | 16:9   | 16:9   | 16:9   | 16:9   | 16:9   |
| Resolution (Lines x rows)                             | 1366 x 768   | 1366 x 768                                       | 1366 x 768                                       | 1366 x 768                                       | 1366 x 768                                       | 1366 x 768                                       | 1366 x 768                                       |
| Number of colours                                     | 16.7 million   | 16.7 million                                     | 16.7 million                                     | 16.7 million                                     | 16.7 million                                     | 16.7 million                                     | 16.7 million                                     |
| Contrast ratio  | 1200:1   | 1200:1   | 2000:1   | 2000:1   | 2000:1   | 2000:1   | 2000:1   |
| Dynamic contrast                                      | 5000:1   | 5000:1   | 12000:1  | 12000:1  | 12000:1  | 12000:1  | 12000:1  |
| Brightness  | 500cd/m²   | 500cd/m²   | 500cd/m²   | 500cd/m²   | 500cd/m²   | 500cd/m²   | 500cd/m²   |
| Response time   | 8 ms   | 8 ms   | 8 ms   | 8 ms   | 8 ms   | 8 ms   | 8 ms   |
| Viewing angle   | 178°V/ 178°H   | 178°V/ 178°H                                     | 178°V/ 178°H                                     | 178°V/ 178°H                                     | 178°V/ 178°H                                     | 178°V/ 178°H                                     | 178°V/ 178°H                                     |
| Picture: Freeze- frame/Zoom                           | •/•  | •/•  | •/•  | •/•  | •/•  | •/•  | •/•  |
| Format switching                                      | 4:3/ 16:9 and others   | 4:3/ 16:9 and others                             | 4:3/ 16:9 and others                             | 4:3/ 16:9 and others                             | 4:3/ 16:9 and others                             | 4:3/ 16:9 and others                             | 4:3/ 16:9 and others                             |
| Operation:<br>Program slots                           | 4000 (total list)<br>2000 favorites for TV/Radio   | 4000 (total list)<br>2000 favorites for TV/Radio | 4000 (total list)<br>2000 favorites for TV/Radio | 4000 (total list)<br>2000 favorites for TV/Radio | 4000 (total list)<br>2000 favorites for TV/Radio | 4000 (total list)<br>2000 favorites for TV/Radio | 4000 (total list)<br>2000 favorites for TV/Radio |
| TTS   | •  | •  | •  | •  | •  | •  | •  |
| OSD menus   | •  | •  | •  | •  | •  | •  | •  |
| Parental control                                      | •  | •  | •  | •  | •  | •  | •  |
| Time/Sleep timer                                      | •  | •  | •  | •  | •  | •  | •  |
| Program scan  | •  | •  | •  | •  | •  | •  | •  |
| Multi-Tuner   | Digital television/ radio DVB-S (satellite); Digital television/ Radio DVB-C (cable); Digital television/ Radio DVB-T (terrestrial); Analogue television terrestrial/ cable; Analogue radio FM (VHF) |  |  |  |  |  |  |
| Audio:<br>BG FM Stereo/Mono<br>DK Mono/ NICAM/I/L/L'  | •/•<br>•/• •/•   | •/•<br>•/• •/•                                   | •/•<br>•/• •/•                                   | •/•<br>•/• •/•                                   | •/•<br>•/• •/•                                   | •/•<br>•/• •/•                                   | •/•<br>•/• •/•                                   |
| AC3 Dolby Digital bitstream out                       | •  | •  | •  | •  | •  | •  | •  |
| Adjustable headphone                                  | •  | •  | •  | •  | •  | •  | •  |
| Sinus outputs in Watts L/R                            | 15/15  | 15/15  | 15/15  | 15/15  | 15/15  | 15/15  | 15/15  |
| Loudspeakers  | -  | 2x2-way-system with bass reflex                  | 2x2-way-system with bass reflex                  | 2x2-way-system with bass reflex                  | 2x2-way-system with bass reflex                  | 2x2-way-system with bass reflex                  | 2x2-way-system with bass reflex                  |
| Connection:<br>HDMI (HDCP implemented)                | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| YUV (component input)                                 | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| S-Video Hosiden                                       | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Video IN  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Scart   | 1x FBAS/RGB/ 1x FBAS/S-Video   | 1x FBAS/RGB/ 1x FBAS/S-Video                     | 1x FBAS/RGB/ 1x FBAS/S-Video                     | 1x FBAS/RGB/ 1x FBAS/S-Video                     | 1x FBAS/RGB/ 1x FBAS/S-Video                     | 1x FBAS/RGB/ 1x FBAS/S-Video                     | 1x FBAS/RGB/ 1x FBAS/S-Video                     |
| VGA   | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| USB   | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| RS 232  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Common Interface (CI)                                 | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Smartcard-reader                                      | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Audio output digital                                  | 1x electrical (Cinch)/ 1x optical (Toslink)  | 1x electrical (Cinch)/ 1x optical (Toslink)      | 1x electrical (Cinch)/ 1x optical (Toslink)      | 1x electrical (Cinch)/ 1x optical (Toslink)      | 1x electrical (Cinch)/ 1x optical (Toslink)      | 1x electrical (Cinch)/ 1x optical (Toslink)      | 1x electrical (Cinch)/ 1x optical (Toslink)      |
| Audio output analogue L/R                             | 1x Cinch (L/R)   | 1x Cinch (L/R)                                   | 1x Cinch (L/R)                                   | 1x Cinch (L/R)                                   | 1x Cinch (L/R)                                   | 1x Cinch (L/R)                                   | 1x Cinch (L/R)                                   |
| Sub-woofer output                                     | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| Headphone output                                      | 1x3.55 mm jack   | 1x3.55 mm jack                                   | 1x3.55 mm jack                                   | 1x3.55 mm jack                                   | 1x3.55 mm jack                                   | 1x3.55 mm jack                                   |  |
| IEC socket  | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)   | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         | 1x UHF/VHF, DVB-C, DVB-T. VHF (FM-Radio)         |
| F-socket  | 1x DVB-S   | 1x DVB-S   | 1x DVB-S   | 1x DVB-S   | 1x DVB-S   | 1x DVB-S   | 1x DVB-S   |
| Analogue UHF/VHF/CATV Tuner:<br>Input frequency range | 46...860 MHz   | 46...860 MHz                                     | 46...860 MHz                                     | 46...860 MHz                                     | 46...860 MHz                                     | 46...860 MHz                                     | 46...860 MHz                                     |

\* HD-mount included in delivery  
Unit base and loudspeaker-boxes not included

• function available

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| Standards                                   | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 | BG stereo, DK mono, L, L', I, NICAM                                 |
| Analogue FM tuner:<br>Input frequency range | 87.5MHz....108MHz   | 87.5MHz....108MHz   | 87.5MHz....108MHz   | 87.5MHz....108MHz   | 87.5MHz....108MHz   | 87.5MHz....108MHz   | 87.5MHz....108MHz   |
| DVB-S tuner:<br>Input frequency range       | 950...2150 MHz  | 950...2150 MHz  | 950...2150 MHz  | 950...2150 MHz  | 950...2150 MHz  | 950...2150 MHz  | 950...2150 MHz  |
| Demodulation                                | Shaped QPSK   | Shaped QPSK   | Shaped QPSK   | Shaped QPSK   | Shaped QPSK   | Shaped QPSK   | Shaped QPSK   |
| Symbol rate                                 | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   | 1...45 Mbaud/s, SCPC/MCPC   |
| FEC   | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  | Viterbi and Reed-solomon  |
| Viterbi rates                               | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        | 1/2, 2/3, 3/4, 5/6, 7/8 automatic adjustment                        |
| LNB power supply                            | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     | 400mA max.; short-circuit-proof                                     |
| LNB voltage vertical                        | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                | <14 V no load,<br>> 11.5 V at 400 mA                                |
| LNB voltage horizontal                      | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               | < 20 V no load,<br>> 17.2 V at 400 mA                               |
| LNB voltage                                 | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   | LNB switched off in stand-by mode                                   |
| 22kHz-modulation                            | 22 kHz  | 22 kHz  | 22 kHz  | 22 kHz  | 22 kHz  | 22 kHz  | 22 kHz  |
| DiSEqC                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      | DiSEqC 1.0/ Sat Channel Router                                      |
| DVB-C-tuner:<br>Input frequency range       | 47 - 862 MHz  | 47 - 862 MHz  | 47 - 862 MHz  | 47 - 862 MHz  | 47 - 862 MHz  | 47 - 862 MHz  | 47 - 862 MHz  |
| Demodulation                                | 16/64/128/256 QAM   | 16/64/128/256 QAM   | 16/64/128/256 QAM   | 16/64/128/256 QAM   | 16/64/128/256 QAM   | 16/64/128/256 QAM   | 16/64/128/256 QAM   |
| FEC   | Reed-solomon  | Reed-solomon  | Reed-solomon  | Reed-solomon  | Reed-solomon  | Reed-solomon  | Reed-solomon  |
| Symbol rate                                 | 1...7Mbaud  | 1...7Mbaud  | 1...7Mbaud  | 1...7Mbaud  | 1...7Mbaud  | 1...7Mbaud  | 1...7Mbaud  |
| DVB-T tuner: input frequency range          | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  | 174...230 MHz/470...860MHz  |
| Antenna feed                                | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   | 5V DC/ 0.1 A; short-circuit-proof                                   |
| Demodulation                                | COFDM   | COFDM   | COFDM   | COFDM   | COFDM   | COFDM   | COFDM   |
| Transmission mode                           | 2k/ 8k  | 2k/ 8k  | 2k/ 8k  | 2k/ 8k  | 2k/ 8k  | 2k/ 8k  | 2k/ 8k  |
| Bitrate                                     | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                | 4,35512 Mbit/s...<br>31,66845 Mbit/s                                |
| Video decoding:<br>Video compression        | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) | MPEG-2 and MPEG-1 compatible up to MP@ML (main profile @main level) |
| Video standard                              | PAL/25Hz  | PAL/25Hz  | PAL/25Hz  | PAL/25Hz  | PAL/25Hz  | PAL/25Hz  | PAL/25Hz  |
| Active picture area                         | 720 pixels x 576 rows   | 720 pixels x 576 rows   | 720 pixels x 576 rows   | 720 pixels x 576 rows   | 720 pixels x 576 rows   | 720 pixels x 576 rows   | 720 pixels x 576 rows   |
| Audio Decoding:<br>Audio compression        | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      | MPEG-1 & MPEG-2 Layer I and II                                      |
| Audio mode                                  | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   | Dual (main/sub), Stereo   |
| Sampling rates                              | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  | 32 kHz, 44.1 kHz, 48 kHz  |
| Functions/Features:<br>Videotext            | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      | Top-Text and 1000 pages memory                                      |
| Electronic Program Guide (EPG)              | TechniSat program information service                               | TechniSat program information service                               | TechniSat program information service                               | TechniSat program information service                               | TechniSat program information service                               | TechniSat program information service                               | TechniSat program information service                               |
| OSD menu                                    | 14 languages  | 14 languages  | 14 languages  | 14 languages  | 14 languages  | 14 languages  | 14 languages  |
| AutoInstall                                 | •   | •   | •   | •   | •   | •   | •   |
| ISIPRO (program list manager)               | • (With DVB-S)  | • (With DVB-S)  | • (With DVB-S)  | • (With DVB-S)  | • (With DVB-S)  | • (With DVB-S)  | • (With DVB-S)  |
| Automatic software update                   | •   | •   | •   | •   | •   | •   | •   |
| Timer types/ number                         | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          | Recording, channel switch, sleep timer/ 30                          |
| Mains adapter:<br>Nominal voltage           | 230V/ 50 Hz   | 230V/ 50 Hz   | 230V/ 50 Hz   | 230V/ 50 Hz   | 230V/ 50 Hz   | 230V/ 50 Hz   | 230V/ 50 Hz   |
| Normal operation                            | 140W  | 140W  | 160W  | 140W  | 140W  | 160W  | 140W  |
| Stand-by                                    | <3W   | <3W   | <2,5W   | <3W   | <3W   | <2,5W   | <3W   |
| Hard drive                                  | -   | -   | -   | -   | 160 GB  | 160 GB  | 160 GB  |

|                                 | HDTV 40  | HDTV 46                                    |
|---------------------------------|--|--|
| Display: Type                   | TFT-LCD "Full HD"  |  |
| Size                            | 40" (102cm)  | 46" (116cm)                                |
| Format                          | 16:9   |  |
| Resolution (lines x rows)       | 1920 x 1080  |  |
| Number of colours               | 16.7 million   |  |
| Contrast ratio                  | 3000:1   |  |
| Dynamic contrast                | 15000:1  |  |
| Brightness                      | 500cd/m <sup>2</sup>   |  |
| Response time                   | 8ms  |  |
| Viewing angle                   | 178°V/ 178°H   |  |
| Picture:                        |  |  |
| Freeze-frame/ zoom              | • / •  |  |
| PIP/PAP                         | • / •  |  |
| Format switching                | 4:3/ 16:9 and others   |  |
| Operation:                      |  |  |
| Program slots                   | 6000 (total list)/ 2000 (favorite list)  |  |
| TTS/Program scan                | • / •  |  |
| Parental control                | •  |  |
| Time/Sleep timer                | • / •  |  |
| Integrated hard disk            | 250 GB   | 500 GB                                     |
| Dual Multituner                 | 2x DVB-S, 2x DVB-C, 2x DVB-T,<br>2x analogue television terrestrial/ cable<br>2x analogue radio FM (VHF) |  |
| Audio:                          |  |  |
| BG FM Stereo/ Mono              | • / •  |  |
| DK Mono/ NICAM/ I/ LL           | • / • • / •  |  |
| AC3 Dolby Digital bitstream out | •  |  |
| Adjustable headphone output     | •  |  |
| Sinus output in Watt L/R        | 15/15  |  |
| Loudspeakers                    | 2x2- way system with<br>bass reflex  | Loudspeaker- system:<br>optional equipment |

|                                   | HDTV 40  | HDTV 46 |
|-----------------------------------|--|---------|
| Connections:                      |  |         |
| HDMI (HDCP implemented)           | 3  |         |
| YUV (component input)             | 1  |         |
| S-Video Hosiden                   | 1  |         |
| Ethernet 10/100 base TX           | 1 (RJ45)   |         |
| Video IN                          | 1  |         |
| Scart                             | 1x FBAS/ RGB, 1x FBAS/ S-Video                   |         |
| VGA                               | 1  |         |
| USB 2.0                           | 1  |         |
| Common Interface (CI)             | 2  |         |
| Smartcard-reader                  | 1  |         |
| Audio output digital              | 1x electrical (Cinch), 1x optical (Toslink)      |         |
| Audio-input digital               | 1 x electrical (Cinch)                           |         |
| Subwoofer- output/ Center- output | 1/1  |         |
| Headphone output                  | 1 x 3.55mm jack                                  |         |
| Microphone-input                  | 1 x 3.55mm jack                                  |         |
| IEC socket                        | 1x UHF/VHF, DVB-C, DVB-T, VHF (FM-radio)         |         |
| F-socket                          | 2x DVB-S2  |         |
| Power out/ 12 V                   | 1  |         |
| Analogue UHF/ VHF/ CATV tuner:    |  |         |
| Input frequency range             | 46...860 MHz                                     |         |
| Standards Audio                   | BG stereo, DK mono, L, L <sup>-</sup> , I, NICAM |         |
| Standards Video                   | PAL, SECAM                                       |         |
| DVB-S tuner:                      |  |         |
| Input frequency range             | 950...2150MHz                                    |         |
| Demodulation                      | DVB-S: QPSK, DVB-S2,: 8PSK and QPSK              |         |
| Symbol rate                       | DVB-S:2...45Mbaud/s, DVB-S2: 10...31Mbaud/s      |         |
| Audio mode                        | Dual (main/sub), Stereo, MP3                     |         |
| Sampling rates                    | 32 kHz, 44.1 kHz, 48 kHz                         |         |

|                                      | HDTV 40                                    | HDTV 46 |
|--------------------------------------|--|---------|
| LNB power supply                     | 400mA max.; short-circuit-proof            |         |
| LNB voltage vertical                 | <14 V no load,<br>> 11.5 V at 400 mA       |         |
| LNB voltage horizontal               | < 20 V no load,<br>> 17.2 V at 400 mA      |         |
| LNB voltage                          | LNB switched off in stand-by modus         |         |
| 22 kHz modulation                    | 22kHz                                      |         |
| DiSEqC                               | DiSEqC 1.0/ DiSEqC1.x / Sat channel router |         |
| DVB-C tuner                          |  |         |
| Input frequency range                | 47 - 862 MHz                               |         |
| Demodulation                         | 16/64/128/256 QAM                          |         |
| FEC                                  | Reed-solomon                               |         |
| Symbol rate                          | 1.7...7 Mbaud                              |         |
| DVB-T tuner:                         |  |         |
| Input frequency range                | 174...860 MHz                              |         |
| Antenna feed:                        | 5V DC/ 0.05 A; short-circuit-proof         |         |
| Demodulation                         | COFDM                                      |         |
| Transmission mode                    | 2k/ 8k                                     |         |
| Bitrate                              | 4...31 Mbit/s                              |         |
| Video decoding:                      | MPEG2 up to MP@HL/ MPEG4 H.264             |         |
| Video compression                    | up to high profile level 4                 |         |
| Audio decoding:                      | MPEG1&MPEG2 Layer I and II/ AC3 stereo     |         |
| Audio compression                    | downmix                                    |         |
| Function/Features                    | Top-Text, High-Text Level 2.5,             |         |
| Videotext                            | 1000 pages memory                          |         |
| Electronic Program Guide (EPG)       | TechniSat program information service      |         |
| OSD menu                             | 14 languages                               |         |
| AutoInstall (Installation assistant) | •  |         |
| ISIPRO (program list manager)        | • (with DVB-S)                             |         |
| Automatic software update            | •  |         |
| Mains adapter:                       |  |         |
| Nominal voltage                      | 230V/ 50Hz                                 |         |

# Accessories



0000/3717 0001/3717 0000/3718

## TechniSat LCD remote control

- 1 Art.No.: 0000/3717, EAN: 4019588037175
- 2 Art.No.: 0001/3717, EAN: 4019588137172

## TechniSat LCD Remoty

- 3 Art.No.: 0000/3718, EAN: 4019588037182

## TechniSat LCD comfort remote control suitable for

- HD-Vision 32
- HD-Vision 40
- HD-Vision 32 PVR
- HD-Vision 40 PVR
- HD-Vision Plus
- HD-Vision Plus PVR

## High-quality audio and video connection cable



Art.No.: 0000/3650  
EAN: 4019588036505

## HDMI connection cable

2x HDMI connectors, Length 2 m



Art.No.: 0000/3651  
EAN: 4019588036512

## YUV component video connection cable

3/3 Cinch connector, Length 2 m



Art.No.: 0000/3652  
EAN: 4019588036536

## Audio digital connection cable

Cinch connector /Cinch connector, Length 2 m



Art.No.: 0000/3653  
EAN: 4019588036536

## Audio digital connection cable

Toslink/Toslink, Length 2 m



Art.No.: 0000/3654  
EAN: 4019588036543

## HDMI / DVI adapter

19-pin HDMI socket on DVI 24 + 1 connector



TechniSat HD-Mount  
Art.No.: 2020/2632  
EAN: 4019588221321

TechniSat  
HD-mount adapter  
Art.No.:  
HD32 : 0001/3240  
EAN: 4019588012400  
HD40: 0002/3240  
EAN: 4019588232402

## TechniSat HD-Mount

Universally applicable LCD wall mount with variably adjustable inclination angle.

Matching to TechniSat HD-Vision 32/40.

## TechniSat HD-Mount Adapter (no illustration)

Necessary for mounting an HD-Vision with bottom loudspeakers on the wall.



TechniSat HD-Mount 32/  
TechniSat HD-Mount 40

HD-mount 32:  
Art.No.: 2020/2732  
EAN: 4019588227361

HD-Mount 40:  
Art. No.: 2020/2740  
EAN: 4019588227408

## TechniSat HD-Mount 32 / TechniSat HD-Mount 40

Aluminium wall mount with very small wall space. Inclination adjustable to 5°.



HD-Vision  
loudspeaker stand

1) silver  
Art.No.: 0003/3240  
EAN: 4019588332409

2) Platinum:  
Art.No.: 0005/3240  
EAN: 4019588532403

3) Black  
Art.No.: 0016/3240  
EAN: 4019588632400

## HD-Vision loudspeaker stand

The set consists of two aluminium loudspeaker stands and connection elongations

Matching to HD-Vision 32. Available in the colours silver, platinum and titanium.

## LCD panel cleaner

Set consisting of cleaner and cleaning tissue

Art.No.: 0000/3830  
EAN: 4019588038301



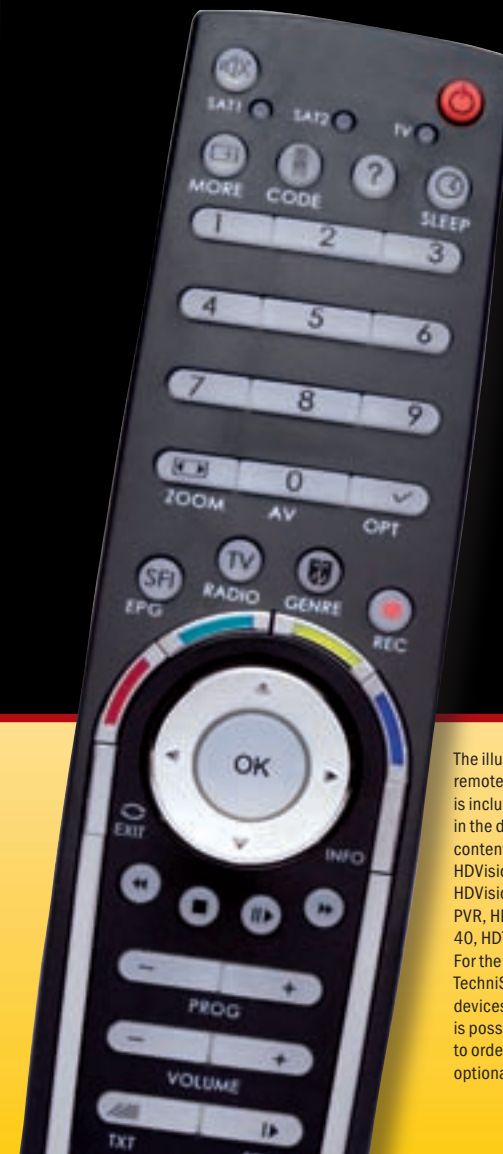


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The illustrated remote control is included only in the delivery content of HDVision Plus, HDVision Plus PVR, HDTV 40, HDTV 46. For the other TechniSat devices it is possible to order it optional.